

**Borrego Water District**  
**AGENDA**  
**Board of Directors**  
**Regular Meeting**  
**March 23, 2011**  
**9:00 AM**  
**806 Palm Canyon Drive**  
**Borrego Springs, CA 92004**

**I. OPENING PROCEDURES**

- A. Call to Order
- B. Pledge of Allegiance
- C. Roll Call
- D. Approval of Agenda
- E. Approval of Minutes
  - Special meeting of February 15, 2011 (page 3-5)
  - Special meeting of February 22, 2011 (page 6)
  - Special meeting of February 23, 2011 (page 7)
  - Regular meeting of February 23, 2011 (page 8-12)
  - Special meeting of March 2, 2011 (page 13)
- F. Comments from Directors and Requests for Future Agenda Items
- G. Comments from the Public and Requests for Future Agenda Items (comments will be limited to 3 minutes)
- H. Correspondence:
- I. Staff Reports:
  - A. Financial Reports – February 2011 (page 14-40)
  - B. Manager / Operations Report (page 41-44)
- J. Attorney's Report

**II. CURRENT BUSINESS MATTERS**

- A. Discussion and possible action regarding establishing a reserve requirements policy for the District. (page 45)
- B. Discussion and possible action regarding the selection of District Counsel reporting to the board.
- C. Discussion and possible action regarding the use of local counsel to represent the District's interests at the County in their development and deliberations concerning a new Groundwater Mitigation Ordinance for new development in the County.
- D. Discussion and possible action regarding the use of counsel to develop a District water credits policy in conformance with the County's new Groundwater Mitigation Ordinance.
- E. Discussion and possible action regarding the use of counsel to assist the Board in developing a Developer's policy for the District in collaboration with the work that Raftelis is doing regarding Developer's fees.
- F. Discussion and possible action regarding BoR MOU.
- G. Discussion and possible action regarding the preparation of a planning grant proposal to DWR for the purpose of completing the ABD-IRWM planning process. (page 46-73)
- H. Discussion and possible action regarding the selection of auditor for FY2011.

**III. COMMITTEE REPORTS & PROPOSALS**

**A. Ad Hoc Committees**

- 1. Due-Diligence (M. Brecht/L. Brecht)
- 2. Strategic Planning Committee (Hart,/L. Brecht)

**IV. STAFF REPORTS**

- A. **Water and Wastewater Operations Report – February 2011** (page 74)
- B. **Water Production/Use Records – February 2011** (page 75-77)

**V. INFORMATIONAL ITEMS**

## **VI. CLOSED SESSION**

- A.** Discussion regarding advice from legal counsel regarding the Viking Ranch purchase agreement and the Monica easement agreement subject to Gov.Code section 54956.9 (b) and (c) and for the purpose of giving direction to the District's negotiators under Gov. Code section 54956.8 related to the real property known as the Viking Ranch with negotiators Lee Estep, Beth Hart, and Jerry Rolwing for the District in preparation for negotiating with Lance Lundberg from the Viking Ranch.
- B.** Discussion for the purpose of giving direction to the District's negotiators under Gov. Code section 54956.8 related to the real property known as the Cocopah Nurseries with negotiators Lee Estep, Beth Hart, and Jerry Rolwing for the District.
- C.** Discussion for the purpose of giving direction to the District's negotiators under Gov. Code section 54956.8 related to the lease of real property known as the Club Circle Golf Course with negotiators Lee Estep, Eleanor Shimeall, and Jerry Rolwing for the District in preparations for discussions with Jack Cameron.
- D.** Discussion and possible action regarding the selection of District Counsel reporting to the board under Govt. Code section 54957.

## **VII. CLOSING PROCEDURE**

**Adjournment** The next Regular Meeting of the Board of Directors is scheduled for April 27, 2011 at the Borrego Water District.

**Borrego Water District**  
**MINUTES**  
**Special Meeting of the Board of Directors**  
**February 15, 2011**  
**9:00 a.m.**  
**806 Palm Canyon Drive**  
**Borrego Springs, CA 92004**

**I. OPENING PROCEDURES**

- A. Call to Order: President Hart called the meeting to order at 9:00 a.m.
- B. Pledge of Allegiance: Those present stood for the Pledge of Allegiance.
- C. Roll Call: Directors: Present: President Hart, Vice President Lyle Brecht, Secretary/Treasurer Marshal Brecht, Shimeall  
Staff: Jerry Rolwing, Interim General Manager/Operations Manager  
Wendy Quinn, Recording Secretary  
Public: Dennis Dickinson Sue Salt  
Dick Walker Jim Engelke  
Kathy Johnston Judy Meier, *Borrego Sun*  
Jim Melvin Jack Simes, Bureau of Reclamation  
Greg Krzys, Bureau of Reclamation
- D. Comments from the Public and Requests for Future Agenda Items: None
- E. Comments from Directors and Requests for Future Agenda Items: None

**II. CURRENT BUSINESS MATTERS**

A. Briefing by Jack Simes of the U.S. Bureau of Reclamation on the Southeast California Regional Basin Study: Jack Simes of the U.S. Bureau of Reclamation noted that the Bureau had been working with the District for a couple of years to secure federal funding for a basin study. While a study of Borrego Valley was not funded, we have now been selected as part of a regional study including Coachella Valley, Imperial Irrigation District and the San Diego Water Authority. Mr. Simes had worked with Jerry Rolwing to develop a proposed Memorandum of Understanding between the Bureau and the District, which the Board was requested to consider authorizing Mr. Rolwing to sign.

Mr. Simes explained that although there is no entitlement to Colorado River Water currently available, the study would explore storage opportunities in wet years for those who are entitled. Lake Henshaw opportunities would also be investigated.

In response to questions submitted by Director Lyle Brecht, Mr. Simes explained that the District's in-kind service contributions would be detailed in an attachment to the MOU. The study cost would be shared 50/50 between the Bureau and the District, and the MOU is fluid, allowing for mutually agreed amendments as the study progresses. The total cost estimate is \$850,000. Director Lyle Brecht requested that the MOU or attachment include an upper limit for the District's contribution should the project run beyond the original \$850,000 estimate, and Mr. Simes concurred. Mr. Rolwing pointed out that the District's proposed list of in-kind services already exceeds its \$425,000 share. President Hart requested that the Bureau approve the in-kind services prior to the District's execution of the MOU.

Director Lyle Brecht had also inquired about the likelihood of economically transmitting Colorado River water to the Borrego Valley for storage, how long this would take, engineering and construction costs for a pipeline, hydrologic data on recharge basins and water law issues. Mr. Simes replied that these issues would be resolved by the study.

Director Shimeall inquired about concerns of the other parties to the basin study. Mr. Simes noted that Coachella was looking at its distribution system serving Salton City, IID has storage concerns, and the Torres Martinez tribe wants to protect wetland habitats.

Director Marshal Brecht questioned the MOU termination date of 1/31/12, and Mr. Simes agreed it should be 2013.

Director Lyle Brecht requested that the MOU be ready for Board approval at the February 23 meeting if possible. Mr. Rolwing pointed out that the study does not obligate us to build a pipeline; it will just determine its feasibility.

**B. Discussion and possible action on agreements with William Mills:** Mr. Rolwing distributed spread sheets showing past payments to State lobbyist William Mills and estimates of future costs for completion of the Integrated Regional Water Management Plan. He pointed out that the Plan is near completion and necessary for eligibility for future implementation grants. Although our application for a planning grant was denied, the Department of Water Resources has agreed to prepare the GIS component of the Plan, which will save approximately \$50,000. An application is also pending for a DWR facilitator, who would assist in completion of the Plan and involvement of stakeholders.

Director Lyle Brecht, who had attended a number of IRWM Stakeholders Subcommittee meetings, felt the IRWM Plan differed from other regional plans he had been involved with and lacked clarity as to why the grant is being requested and exactly how it will be used. Director Marshal Brecht pointed out that it was modeled after the DWR framework. Kathy Johnston questioned whether implementation grant funds would actually be available in view of current difficulties with the State budget.

The Board agreed to refer the matter to the Due Diligence Committee.

**C. Discussion and possible action regarding staff report and Due Diligence Committee report on forecasted cash flow of district, line of credit availability, and margin-of-safety reserve requirements:** Director Marshal Brecht invited the Board's attention to Agenda page 30, which outlined the District's cash position as of January 3. Major contributors to the recent cash decline were the loss of revenue from Montesoro and Borrego Ranch and low residential water sales. The operations and maintenance budget is inadequate to cover the capital items. Director Marshal Brecht estimated we would need another \$400,000 to \$500,000.

Mr. Rolwing pointed out that the cost of doing business has increased. He distributed a chart which he and David Dale had prepared, detailing a proposed capital improvement program for the next ten years. Some items may be deferred depending on the rate of the District's growth.

Mr. Rolwing reported he had investigated a line of credit for the District. Wells Fargo concluded our collateral was insufficient, but U.S. Bank was optimistic. He is awaiting their final response and will follow up this week. Director Lyle Brecht suggested checking with Borrego Springs Bank.

**D. Discussion and possible action regarding Capital Allocation Committee report on auditor's special report of cash expenditures of district:** President Hart reported that the Capital Allocation Committee would be meeting on Friday to review information provided by Kim Pitman, consider public input and formulate a recommendation to the Board.

**E. Discussion and possible action regarding Professional Advisory Committee report on RFP and RFQ processes:** Director Lyle Brecht noted that the Professional Advisory Committee's recommendations were detailed in upcoming Agenda items II.F and G.

**F. Discussion of and possible action regarding MOTION 2011-02-01: regarding a vote to authorize the Professional Advisory Committee to retain advisors to assess and clarify the economic and California water law aspects of the district's present land/water credits purchase program and strategy to address the overdraft:** *A motion was made by Director Lyle*

*Brecht and seconded by Director Marshal Brecht to authorize the Professional Advisory Committee to retain outside counsel, auditors and/or other outside advisors at a cost not to exceed \$14,000 to address issues relative to the District's water mitigation credit policy.* Director Lyle Brecht reported that approximately 25 consultants with various areas of expertise had expressed interest. More responded to this RFQ, covering a broader issue, than to the RFP specific to review of the Cocopah option agreement. However, we have until May to make a decision on Cocopah. *The motion carried. RC: AYES – L.Brecht, M.Brecht, Shimeall, Hart.*

G. Discussion of and possible action regarding MOTION 2011-02-02: regarding a vote to enable the Professional Advisory Committee to retain advisors for the purpose of developing a plan to address the district's present financial situation: *A motion was made by Director Lyle Brecht and seconded by Director Marshal Brecht to enable the Professional Advisory Committee to retain advisors at a cost not to exceed \$30,000 for the purpose of developing a plan to address the District's present financial situation.* Director Lyle Brecht explained that the Committee would review all proposals, including Glenn Reiter's. He stressed the need to look at cost cutting and revenue generating opportunities, starting with financial modeling and analysis. Mr. Rolwing pointed out that the District's facilities are now running smoothly, but the infrastructure will eventually require repair or replacement, and it is easier to request a rate increase when things are going well than when they are failing. *The motion carried. RC: AYES – L.Brecht, M.Brecht, Shimeall, Hart.*

H. Discussion of policy 2003-5-1, as amended 01/12/02: directors and officers responsibilities and limitations: Director Lyle Brecht noted that the amendments made to Policy 2003-5-1 enabled the Board to take action similar to the last two motions relative to selection of consultants. Director Shimeall had requested that the issue be revisited. The Board agreed to continue it to the next meeting.

I. Discussion of agenda items for Board regular meeting scheduled for February 23, 2011: The Board discussed items for the next Agenda, including mustard pulling, emergency supply storage for the American Red Cross, selection of a new Director, the Viking Ranch request to fallow its two parcels in reverse order from that provided in the agreement, the USDA loan application, the Bureau of Reclamation MOU, a closed session on anticipated litigation, correspondence regarding the IRWM facilitator, ad hoc committee reports and capital improvements. Lane Sharman had requested an item on water credits, but the Board agreed to defer it until after the consultant study.

Discussion followed regarding selection of the new Director. Mr. Rolwing reported that Dennis Dickinson, Jim Jordan and Lee Estep had applied. President Hart contemplated that each would give a presentation and answer questions. Mr. Rolwing explained that following the presentations, nominations would be opened and if the nominee fails to get three votes, another would be made.

J. Consideration and approval of RESOLUTION 2011-02-01 *Resolution of the Board of Directors of the Borrego Water District revising the schedule of regular meetings:* *MSC: L.Brecht/Shimeall adopting Resolution 2011-02-01, Resolution of the Board of Directors of the Borrego Water District revising the schedule of regular meetings (changing the time to 9:00 a.m.) RC: AYES – L. Brecht, Shimeall, M. Brecht, Hart.*

### III. CLOSING PROCEDURE

A. Adjournment: There being no further business, the meeting adjourned at 11:05 a.m. The next meeting of the Board of Directors is scheduled for February 23, 2011 at the Borrego Water District.

**Borrego Water District**  
**MINUTES**  
**Special Meeting of the Board of Directors**  
**February 22, 2011**  
**4:00 p.m.**  
**806 Palm Canyon Drive**  
**Borrego Springs, CA 92004**

**I. OPENING PROCEDURES**

- A. Call to Order: President Hart called the meeting to order at 4:00 p.m.
- B. Pledge of Allegiance: Those present stood for the Pledge of Allegiance.
- C. Roll Call: Directors: Present: President Hart, Vice President Lyle Brecht, Secretary/Treasurer Marshal Brecht, Shimeall  
Staff: Jerry Rolwing, Interim General Manager/Operations Manager Allison Burns, Stradling, Yocca, Carlson & Rauth (via teleconference)
- D. Approval of Agenda: *MSC: Approving the Agenda as written.*
- E. Comments from the Public and Requests for Future Agenda Items: None
- F. Comments from Directors and Requests for Future Agenda Items: None

**II. CLOSED SESSION**

- A. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION – Reference Government Code section 54956.9(b) two potential cases: The Board adjourned to closed session at 4:00 p.m., and the open session reconvened at 5:00 p.m.

**III. CLOSING PROCEDURE**

- A. Adjournment: There being no further business, the meeting adjourned at 5:00 p.m. The next meeting of the Board of Directors is scheduled for February 23, 2011 at the Borrego Water District.

**Borrego Water District  
MINUTES  
Special Meeting of the Board of Directors  
February 23, 2011  
8:30 a.m.  
806 Palm Canyon Drive  
Borrego Springs, CA 92004**

**I. OPENING PROCEDURES**

- A. Call to Order: President Hart called the meeting to order at 8:30 a.m.
- B. Pledge of Allegiance: Those present stood for the Pledge of Allegiance.
- C. Roll Call: Directors: Present: President Hart, Vice President Lyle Brecht, Secretary/Treasurer Marshal Brecht, Shimeall  
Staff: Jerry Rolwing, Interim General Manager/Operations Manager  
Anthony J. Romano
- D. Approval of Agenda: *MSC: Approving the Agenda as written.*
- E. Comments from the Public and Requests for Future Agenda Items: None
- F. Comments from Directors and Requests for Future Agenda Items: None

**II. CLOSED SESSION**

- A. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION – Reference Government Code section 54956.9(b) one potential case: The Board adjourned to closed session at 8:30 a.m., and the open session reconvened at 9:00 a.m.

**III. CLOSING PROCEDURE**

- A. Adjournment: There being no further business, the meeting adjourned at 9:00 a.m. The next meeting of the Board of Directors is scheduled for February 23, 2011 at the Borrego Water District.

**Borrego Water District**  
**MINUTES**  
**Regular Meeting of the Board of Directors**  
**Wednesday, February 23, 2011**  
**9:00 AM**  
**806 Palm Canyon Drive**  
**Borrego Springs, CA 92004**

**I. OPENING PROCEDURES**

- A.** Call to Order: President Hart called the meeting to order at 9:00 a.m.
- B.** Pledge of Allegiance: Those present stood for the Pledge of Allegiance.
- C.** Roll Call: Directors: Present: President Hart, Vice-President Lyle Brecht, Secretary/Treasurer Marshal Brecht, Shimeall
- Staff: Jerry Rolwing, Interim General Manager/Operations Manager  
Allison Burns, Stradling, Yocca, Carlson & Rauth (available via teleconference)  
Wendy Quinn, Recording Secretary
- Public: Judy Meier, *Borrego Sun* Sue Salt  
Jim Engelke, Lundberg Ray Delahay  
Dennis Dickinson Dick Walker  
Ray Shindler Lucy Larson  
Kathy Johnston Lee Estep  
Clark Shimeall Julian Peabody  
Jim Jordan Bob Lorch  
Don McKelvey

**D.** Approval of Agenda: Jerry Rolwing announced that Allison Burns had requested that her Attorney's Report (I.J) be moved to the end of the open session (following V). Director Lyle Brecht requested that the Financial Reports (IV.C) be moved to between Items II.A and B; and that discussion of Policy 2003-5-1 (II.E) be moved to the end of the Current Business Matters (following II.H). Mr. Rolwing requested that consideration of the BOR MOU (II.C) be tabled. *MSC: M.Brecht/L.Brecht approving the Agenda as amended.*

**E.** Approval of Minutes:  
Regular meeting of January 26, 2011

Mr. Rolwing requested that the Water and Wastewater Operations Report (IV.A) be corrected to indicate that the main break on Montezuma Road was repaired immediately, and service would resume the following week. *MSC: L.Brecht/M.Brecht approving the Minutes of the Regular Meeting of January 26, 2011 as amended.*

**F.** Comments from Directors and Requests for Future Agenda Items: None

**G.** Comments from the Public and Requests for Future Agenda Items: Julian Peabody requested an opportunity to speak in favor of Dennis Dickinson's candidacy for the Board. His comments were continued to Item II.A.

Lucy Larson thanked the Board for its work during the past two months.

**H.** Correspondence: Mr. Rolwing reported that Clark Shimeall had written to the Board requesting a briefing at the town hall meeting as to the direction they will be taking.

The Dotys, who play golf at Club Circle, had written to complain about the condition of the course. Mr. Rolwing had not yet had an opportunity to respond, but noted that there is now only one greenskeeper and he is doing his best.

Lisa Spoon, a member of the Sahara Mustard Weed Eradication Task Force, had asked for the District's assistance in clearing the mustard from the BWD right-of-way at the end of Santa Fe Trail. President Hart pointed out that this is a public right-of-way, and any park volunteer or member of the public is free to enter it and remove the mustard. She asked Mr. Rolwing to inform Ms. Spoon of this. Director Shimeall felt that the District should volunteer to remove the mustard from this and its other sites, and if necessary pay the crew to do so. She asked that this be placed on a future agenda. Mr. Rolwing pointed out that we have approximately 40 of these flushes throughout the Valley.

**I. Staff Reports:**

**A. Manager/Operations Report**

Mr. Rolwing offered to answer questions on his written report. He distributed a letter from David Dale concurring with the proposed Capital Improvement Program for the next ten years and its estimated costs, as requested by Director Lyle Brecht. Director Marshal Brecht referred to Jim Bennett's letter regarding the County's Groundwater Ordinance Amendment, which is related to our mitigation credit program, and asked when it might be approved. Mr. Rolwing predicted it would be at least a month, but agreed to confirm this.

**II. CURRENT BUSINESS MATTERS**

**A. Discussion and possible appointment of new Director:** Jim Jordan stated that he had 50 years' business experience, including management of three companies. He made a good profit and believes in conservative fiscal policies. Director Lyle Brecht inquired about his opinion of the District's cash flow. Mr. Jordan felt it could be much better and needed work. He was appalled at the expenditure of \$6 million in reserves in a relatively short time period. President Hart asked what he thought the new Board should do to return the District to fiscal solvency. Mr. Jordan recommended, if legally feasible, canceling the two recent acquisitions of agricultural land, which he understood would have been fallowed regardless of the District's purchase.

Lee Estep stated that he is a retired attorney and member of both the California and Arizona Bars. He served on the Board of the Borrego Springs Park Community Services District prior to its merger with BWD, and would like to serve the community by joining the BWD Board. He has been a Borrego Springs homeowner since 1963. President Hart asked if he was experienced in water law. Mr. Estep replied that he was a trial attorney, but took college courses in water law and was familiar with it. In response to Director Marshal Brecht, he confirmed that he is a registered voter in Borrego Springs. Director Lyle Brecht inquired about his opinion of the District's cash flow report. Mr. Estep felt there were many things to be taken care of, and he was distressed at some of the past actions. Director Marshal Brecht asked how long he had served on the CSD Board, and Mr. Estep replied he had served one three-year term.

Dennis Dickinson stated that he is a retired academic librarian and has been a full-time Borrego resident and registered voter here for 11 years. He has been active in District affairs, and founded the Save Our Aquifer Coalition (SOAC) in 2002. He also started an internet list server for over 50 people interested in water and manages a website which provides information on the District and water issues. Mr. Dickinson had published opinion pieces in both the *Borrego Sun* and the *Union Tribune*. He hoped to serve on the Board to address the financial problems and the aquifer overdraft. In response to Director Lyle Brecht's question about the cash flow, he expressed concern about the negative cash flow and lack of borrowing ability.

Mr. Peabody referred to his January 12 letter endorsing Mr. Dickinson based on his support for mitigating the overdraft, professionalism and efforts toward stabilization of our water supply.

Dick Walker felt all three candidates were outstanding, but supported Mr. Dickinson, citing the tremendous amount of time he has spent on water issues.

Director Lyle Brecht asked all candidates if they would apply again should another vacancy occur on the Board, and they all said they would.

***Director Shimeall nominated Lee Estep to the Board, and he was unanimously elected by roll call vote.***

**President Hart declared a recess at 9:40 a.m., and the Board reconvened at 9:55 a.m.**

President Hart administered the oath of office to newly elected Director Estep, and he took his seat on the Board.

#### **IV. STAFF REPORTS**

**C. Financial Reports – January 2011:** Director Marshal Brecht invited the Board's attention to Kim Pitman's written report in the Agenda packet. He noted that page 54 shows a net cash revenue/(expense) of (\$39,700), but it should be (\$5,900). Ms. Pitman is making the correction.

Discussion followed regarding the anticipated income upon the sale of Montesoro and the impact on the District if it does not. Assuming the sale, the District is in a "break even" position. Director Lyle Brecht explained that we would have to look at ways to enhance revenue without the sale, including a possible USDA loan. Ray Shindler urged the Board to make its situation clear to the public in the event a rate increase is considered.

#### **II. CURRENT BUSINESS MATTERS (continued)**

**B. Consideration of the District paying LAFCO annexation fee of \$4,000 for Lorch annexation into the District:** Mr. Rolwing explained that the previous owner of Bob Lorch's property had granted the District an easement to connect Well 16 to the reservoir system in exchange for a free water connection upon annexation of the property to the District. Now that Mr. Lorch owns the property, he requested annexation and the Board agreed. LAFCO is now requesting a \$4,050 fee, and Mr. Lorch has asked the District to pay it. Mr. Rolwing noted that when the Wilcox reservoir is completed, an enlarged or additional easement will be required.

Mr. Lorch questioned whether the existing easement was legal, since the original proceeding didn't go through LAFCO. He had made his original annexation request four years ago, but action was delayed due to difficulty in locating the original records. They have now been located. President Hart asked whether he needed the water service now. Mr. Lorch replied that he did not, but wanted it arranged before he is ready to build. Mr. Rolwing explained that former District Engineer Lin Burzell had determined that the District could sell water outside its boundaries, but legal counsel subsequently concluded we could only do so if we have surplus water. Director Estep questioned this conclusion and asked to see a written legal opinion.

Mr. Lorch suggested that perhaps 20 years ago, when the original agreement was reached, LAFCO did not charge a fee and he could be "grandfathered in."

***MSC: Estep/L.Brecht assigning Director Shimeall and Mr. Rolwing to address Director Estep's request; and if annexation is necessary, creating a line item in the 2012 budget to pay for the LAFCO annexation fee for Mr. Lorch's property.***

**C. Consideration and possible action of Bureau of Reclamation MOU and side agreement:** This item was tabled.

**D. Consideration and possible action of USDA loan application status update:** Mr. Rolwing suggested applying for a USDA loan for construction of the Wilcox reservoir. Most of the engineering has been completed, and we could recoup the cost by using it as our in-kind contribution. The new reservoir would enhance system operations and alleviate pressure concerns. The cost estimate is \$4.5 million. Director Lyle Brecht asked the cost of the application, and Mr. Rolwing agreed to prepare an estimate. Director Lyle Brecht requested written assurance from the State Park that they were agreeable

to the project, and Mr. Rolwing agreed to contact them. Director Lyle Brecht suggested asking David Dale whether the new reservoir would reduce operations and maintenance expenses, and if not, whether any other potential projects would do so. Mr. Rolwing stated that the Borrego Springs pipeline would reduce O&M expenses, but would require considerable engineering work before we could apply for a grant. Mr. Rolwing will invite Mr. Dale to the March 15 special meeting/workshop to address these issues. President Hart suggested also asking him about health and safety issues for both projects, since they are important in establishing grant funding priorities.

**F. Discussion and possible action regarding recommendations from Due Diligence Committee Report:** Director Lyle Brecht reported that the Due Diligence Committee (he, Director Marshal Brecht and Mr. Rolwing) had met four times to look at costs and strategies to address the overdraft. ***MSC: L.Brecht/Shimeall (1) forming an ad hoc Strategic Planning Committee consisting of Director Lyle Brecht and President Hart, whose first duty would be to work with Mr. Rolwing to plan the town hall meeting, and disbanding the Professional Advisory Committee; (2) allocating additional budget from the audit account to create separate balance sheets for water and sewer and to account for the sources of cash reserves and how they were used; (3) allocating \$30,000 for legal and financial assistance (consultants to be selected by the Professional Advisory Committee), in analyzing the District's water mitigation credit program; (4) creating a USGS Citizens Advisory Committee to meet with the USGS prior to the town hall meeting and explain issues of interest to the public; (5) authorizing the Professional Advisory Committee to retain John Peterson Environmental Services to assist with a decision as to whether to pursue the Clark Lake project; and (6) requesting the Due Diligence Committee to prepare two draft handouts for the town hall meeting regarding the overdraft strategy and the financial situation. RC: AYES – L. Brecht, Shimeall, M. Brecht, Estep, Hart.***

**G. Consideration of approval of American Red Cross agreement for the use of facility for storage of mass care supplies:** Mr. Rolwing reported that during the last two years, District representatives had been meeting with an emergency preparedness group and providing information to the public. The Red Cross needs a local storage facility for emergency supplies, and we suggested the former Borrego Pipe and Supply building, which the District has purchased. The Red Cross would take care of everything at no cost to the District. In the event our grant application for a water education center is approved, we can work around the supply storage area. ***MSC: Estep/M. Brecht approving the agreement with the American Red Cross for mass care supplies storage.***

**H. Board to consider new signers for Bank account:** ***MSC: Estep/L.Brecht removing Jeanne Fredericks, Marlene Engebretson, Kathy King, Bob Mendenhall, Rita Andersen and Rich Williamson as signatories from the District's Borrego Springs Bank account; and adding Lyle Brecht, Marshall Brecht, Beth Hart, Lee Estep, Jerry Rolwing and Diana Del Bono.***

**E. Discussion of policy 2003-5-1, as amended 1/12/11: Directors and Officers Responsibilities and Limitations, as requested by Director Shimeall:** Director Shimeall referred to Item 1)a)ii)4) of amended Policy 2003-5-1, which gives Directors the right to request information from any source including professionals hired or under consideration for hire by the District. She cautioned anyone exercising this right to keep Mr. Rolwing informed of their actions.

### **III. COMMITTEE REPORTS & PROPOSALS**

#### **A. Ad Hoc Committees:**

1. Due-diligence. This report was covered under Item II.F.
2. Professional Advisory. Director Shimeall pointed out that the action taken under Item II.F had disbanded the Professional Advisory Committee. However, later in the motion it was assigned two tasks (parts (3) and (5)). President Hart suggested retaining the PAC until these have been completed. President Hart reported that the Committee met on February 22. They recommend that the Board select any necessary legal advisors. As to other consultants, they suggested Diehl Evans for

accounting, David Dale for the capital improvement plan, and Wildermuth Environmental for the overdraft plan. All these efforts will contribute to creation of a financial model. Additionally, once the BOR determines the feasibility of importing water, the Committee recommended Peterson Environmental Services to prepare a brief on the proposed Clark Lake pipeline. In the future, Raftelis Financial Consultants were suggested for a rate analysis.

Don McKelvey expressed concern that the consultants were not selected through a formal bid process and that the RFQ and RFP were available only through the internet. He agreed to investigate the legal requirements. Director Lyle Brecht pointed out that there were several responses to most of the tasks, and the Committee had legal advice. Mr. Rolwing added that the District has typically sought competitive bids for larger projects.

3. **Capital Allocation Review.** President Hart referred to the Committee's written report in the Agenda. She noted that labor costs had been removed from the schedules of expenditures and capital projects. Summaries for years 2008 through 2011 were provided, showing cash reserved of \$5,992,599 in 2008, \$764,991 as of 12/31/10 and a current -\$4,308 remainder. A line item summary for each year was included to show exactly how the deficit occurred. Now that this report has been completed, President Hart recommended that the Committee be disbanded. Director Shimeall concurred.

#### **IV. STAFF REPORTS**

**A. Water and Wastewater Operations Report – January 2011:** Mr. Rolwing invited the Board's attention to his written report in the Agenda packet. Operations for the past month were normal.

**B. Water Production/Use Records – January 2011:** Mr. Rolwing reported that the water loss during the past month was less than usual.

#### **V. INFORMATIONAL ITEMS**

Mr. Shindler reported that the Assembly Water Committee is considering a bill introduced by Assemblyman Huffman that relates to diminishing aquifers. He spoke with a Committee staff person who felt Borrego's situation was exactly the type of example they were looking for. He suggested following the bill and perhaps writing a letter. Director Shimeall urged attendance at ACWA meetings, where information on pertinent legislation is provided.

Mr. Rolwing noted that former Director Andersen is still listed as the District's JPIA representative. This is typically a function of the Secretary/Treasurer, and Director Marshal Brecht agreed to assume the role.

#### **I. OPENING PROCEDURES (continued)**

**J. Attorney's Report:** Ms. Burns joined the meeting via teleconference and reported that the Montesoro litigation is ongoing and there will be a conference call this afternoon relative to attorney's fees.

#### **VI. CLOSED SESSION**

**A. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION – Reference Government Code section 54956.9(b) two potential cases:** The closed session matters were addressed during the earlier Special Meeting.

#### **VII. CLOSING PROCEDURE**

**Adjournment.** There being no further business, the meeting adjourned at 11:45 a.m. The next regular meeting of the Board of Directors is scheduled for March 23, 2011 at the Borrego Water District.

**Borrego Water District**  
**MINUTES**  
**Special Meeting of the Board of Directors**  
**March 2, 2011**  
**8:30 a.m.**  
**806 Palm Canyon Drive**  
**Borrego Springs, CA 92004**

**I. OPENING PROCEDURES**

- A. Call to Order: President Hart called the meeting to order at 8:30 a.m.
- B. Pledge of Allegiance: Those present stood for the Pledge of Allegiance.
- C. Roll Call: Directors: Present: President Hart, Vice President Lyle Brecht, Secretary/Treasurer Marshal Brecht, Estep, Shimeall  
Staff: Jerry Rolwing, Interim General Manager/Operations Manager Wendy Quinn, Recording Secretary  
Public: Jim Engelke, Lundberg Judy Meier, *Borrego Sun*
- D. Approval of Agenda: *MSC: L.Brecht/Shimeall approving the Agenda as written.*
- E. Comments from Directors and Requests for Future Agenda Items: None
- F. Comments from the Public and Requests for Future Agenda Items: Jim Engelke announced that his client, Lance Lundberg, intends to begin following the Viking Ranch at the earliest possible convenience pending the Board's decision on his request to reverse the order of following the two parcels. He will comply with whatever the Board decides.

**II. CURRENT BUSINESS MATTERS**

- A. Discussion and possible action for retaining Anthony J. Romano, Esq.: Procopio, Cory, Hargreaves & Savitch LLP; and Downey Brand Attorneys LLP as special counsel for legal work, as needed:
- B. Discussion and possible action for retaining Wildermuth Environmental, Inc. for overdraft planning and other technical work, as needed:
- C. Motion for the Board's President to sign engagement letters with the above advisors:

Director Lyle Brecht estimated the cost of the proposed consultant services at approximately \$2,000. They would be hourly rates only; no retainer. *MSC: L.Brecht/Estep retaining Anthony J. Romano, Esq., Procopio, Cory, Hargreaves & Savitch LLP; and Downey Brand Attorneys LLP as special counsel for legal work, as needed; retaining Wildermuth Environmental, Inc. for overdraft planning and other technical work, as needed; and authorizing the Board's President to sign the engagement letters with the above advisors, subject to review and approval.*

**III. CLOSED SESSION**

- A. Discussion and potential action concerning Viking Ranch purchase agreement with special counsel, Procopio, subject to Government Code section 54956.9(b) and (c): The Board adjourned to closed session at 8:40 a.m., and the open session reconvened at 9:45 a.m. There was no reportable action.

**IV. CLOSING PROCEDURE**

- A. Adjournment: There being no further business, the meeting adjourned at 9:45 a.m. The next meeting of the Board of Directors is scheduled for March 23, 2011 at the Borrego Water District.



# BORREGO WATER DISTRICT

## Treasurer's Report February, 2011

Bank Balance	Carrying Value	Fair Value	% of Portfolio		Rate of Interest	Maturity Date	Valuation Source
			Current Actual	Imposed Limit			

### Cash and Cash Equivalents:

Demand Accounts at Borrego Springs Bank/WFB

General Account/Petty Cash	\$ 136,751	\$ 93,729	\$ 93,729	12.73%	n/a	0.00%	n/a	BSB/WFB
SA #1 Account	\$ 58,779	\$ 16,293	\$ 16,293	2.21%	n/a	0.04%	n/a	WFB
SA #3 Account	\$ 12,134	\$ 6,538	\$ 6,538	0.89%	n/a	0.05%	n/a	WFB
SA #4 Account	\$ 161,634	\$ 128,501	\$ 128,501	17.45%	n/a	0.05%	n/a	WFB
SA #5 Account	\$ 33,567	\$ 22,225	\$ 22,225	3.02%	n/a	0.04%	n/a	WFB
Payroll Account	\$ 82,972	\$ 84,007	\$ 84,007	11.41%	n/a	0.05%	n/a	WFB
CC GOLF	\$ 10,721	\$ 10,051	\$ 10,051	1.36%	n/a	0.05%	n/a	WFB
LAIF	\$ 20,686	\$ 20,686	\$ 20,686	2.81%	n/a	0.50%	n/a	LAIF
CD Investment Portfolio	\$ 254,280	\$ 254,280	\$ 254,280	34.53%	n/a	0.01%	n/a	WFB
MMA	\$ 100,059	\$ 100,059	\$ 100,059	13.59%	n/a	0.45%	n/a	WFB

<b>Total Cash and Cash Equivalents</b>	<b>\$ 871,584</b>	<b>\$ 736,369</b>	<b>\$ 736,369</b>	<b>100.00%</b>
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### Facilities District No. 2007-1

First American Treas Obligation -US BANK	288,599	288,599	288,599
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<b>Total Cash, Cash Equivalents &amp; Investments</b>	<b>\$ 1,160,182</b>	<b>\$ 1,024,968</b>	<b>\$ 1,024,968</b>
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Cash and investments conform to the District's Investment Policy statement filed with the Board of Directors on July 28, 2010. Cash, investments and future cash flows are sufficient to meet the needs of the District for the next six months. Sources of valuations are Borrego Springs Bank (BSB), Wells Fargo Bank (WFB), LAIF and US Trust Bank.



Kim Pitman, Administration Manager



# BORREGO WATER DISTRICT

**BALANCE SHEET**  
February 28, 2011  
(unaudited)

**BALANCE SHEET**  
January 31, 2011  
(unaudited)

**ASSETS:**

**CURRENT ASSETS**

Cash and cash equivalents	\$ 736,368.96	\$ 759,062.28
Accounts receivable from water sales and sewer charges	\$ 288,517.98	\$ 261,971.50
Interest receivable	\$ -	\$ -
Inventory	\$ 131,929.60	\$ 138,654.77
Availability charges receivable	\$ 413,653.23	\$ 418,839.34
Prepaid expenses	\$ 52,651.23	\$ 58,922.67
Other Receivables	\$ 23,604.02	\$ 23,604.02
<b>TOTAL CURRENT ASSETS</b>	<b>\$ 1,646,725.02</b>	<b>\$ 1,661,054.58</b>

**RESTRICTED ASSETS**

Debt Service:		
Deferred amount of COP Refunding	\$ 165,901.69	\$ 166,735.37
Unamortized bond issue costs	\$ 114,080.59	\$ 114,621.25
Total Debt service	\$ 279,982.28	\$ 281,356.62
Trust fund:		
Investments with fiscal agent -CFD 2007-1	\$ 288,599.00	\$ 287,151.00
Total Trust fund	\$ 288,599.00	\$ 287,151.00
<b>TOTAL RESTRICTED ASSETS</b>	<b>\$ 568,581.28</b>	<b>\$ 568,507.62</b>

**UTILITY PLANT IN SERVICE**

Land	\$ 2,009,682.90	\$ 2,159,682.90
Flood Control Facilities	\$ 4,319,603.58	\$ 4,319,603.58
Capital Improvement Projects	\$ 2,240,735.64	\$ 2,076,149.93
Sewer Facilities	\$ 5,574,650.73	\$ 5,574,650.73
Water facilities	\$ 10,206,454.19	\$ 8,910,239.95
Pipelines, wells and tanks	\$ 648,601.51	\$ 1,944,815.75
General facilities	\$ 1,009,059.92	\$ 1,009,059.92
Equipment and furniture	\$ 376,263.30	\$ 376,263.30
Vehicles	\$ 471,545.28	\$ 471,545.28
Accumulated depreciation	\$ (9,806,897.62)	\$ (9,756,473.17)
<b>NET UTILITY PLANT IN SERVICE</b>	<b>\$ 17,049,699.43</b>	<b>\$ 17,085,538.17</b>

**OTHER ASSETS**

Water rights -ID4	\$ 185,000.00	\$ 185,000.00
<b>TOTAL OTHER ASSETS</b>	<b>\$ 185,000.00</b>	<b>\$ 185,000.00</b>

**TOTAL ASSETS**

<b>TOTAL ASSETS</b>	<b>\$ 19,450,005.73</b>	<b>\$ 19,500,100.37</b>
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**LIABILITIES:**

**BALANCE SHEET**  
**February 28, 2011**  
(unaudited)

**BALANCE SHEET**  
**January 31, 2011**  
(unaudited)

**CURRENT LIABILITIES PAYABLE FROM CURRENT ASSETS**

Accounts Payable	\$ 78,817.97	\$ -
Accrued expenses	\$ 161,981.48	\$ 236,901.97
Deferred Revenue	\$ 182,329.10	\$ 182,329.10
Deposits	\$ 33,132.50	\$ 34,927.50

**TOTAL CURRENT LIABILITIES PAYABLE  
FROM CURRENT ASSETS**

\$ 456,261.05	\$ 454,158.57
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**CURRENT LIABILITIES PAYABLE FOM RESTRICTED ASSETS**

Debt Service:		
Accounts Payable to CFD 2007-1	\$ 288,599.00	\$ 287,151.00

**TOTAL CURRENT LIABILITIES PAYABLE  
FROM RESTRICTED ASSETS**

\$ 288,599.00	\$ 287,151.00
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**LONG TERM LIABILITIES**

2008 Certificates of participation(payable from restricted assets)	\$ 2,775,000.00	\$ 2,775,000.00
Montesoro Note Payable	\$ 540,123.13	\$ 540,123.13

**TOTAL LONG TERM LIABILITIES**

\$ 3,315,123.13	\$ 3,315,123.13
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**TOTAL LIABILITIES**

\$ 4,059,983.18	\$ 4,056,432.70
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**FUND EQUITY**

Contributed equity	\$ 9,649,544.17	\$ 9,649,544.17
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Retained Earnings:

Reserve for debt service	\$ 1,654,086.69	\$ 1,654,086.69
Reserve for sewer expansion	\$ 97,304.00	\$ 97,304.00
Designated for replacement,improvement and expansion	\$ 2,016,068.16	\$ 2,016,068.16
Reserve for New Reservoirs	\$ 1,973,019.53	\$ 2,027,414.65

Total retained earnings

\$ 5,740,478.38	\$ 5,794,873.50
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**TOTAL FUND EQUITY**

\$ 15,390,022.55	\$ 15,444,417.67
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**TOTAL LIABILITIES AND FUND EQUITY**

\$ 19,450,005.73	\$ 19,500,850.37
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**BORREGO WATER DISTRICT**  
**Income Budget to Actual Comparisons**  
**FYE 2011**

Description	Current Budget FYE 2011	Beginning Balance 02/01/11	Monthly Activity February	Actual as of 02/28/11	Actual vs Budget FYE 2011
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**WATER REVENUE**

Residential Water Sales	855,000	302,752	53,042	350,982	41.05%
Commercial Water Sales	108,500	61,457	6,434	67,891	62.57%
Irrigation Water Sales	140,000	58,825	5,487	64,312	45.94%
GWM Surcharge	108,000	57,205	6,533	63,738	59.02%
Water Sales Power Portion	321,000	168,206	19,400	187,607	58.44%
Readiness Charges Water	640,000	371,070	53,126	424,195	66.28%
Meter Installation	30,000	48,872	-	48,872	162.91%
Reconnect Fees	6,000	5,440	680	6,120	102.00%
Backflow Testing	6,000	3,342	-	3,342	55.69%
Water Bulk/pfmp	1,500	912	27	938	62.53%
Penalty&Interest Water Collection	25,000	15,216	1,700	16,916	67.66%
<b>Total Water Revenue:</b>	<b>2,241,000</b>	<b>1,093,296</b>	<b>146,428</b>	<b>1,234,913</b>	<b>55.11%</b>

**AVAILABILITY CHARGES**

641500 1% Property Assessments	36,000	53,000	729	53,729	0
SA 1 Water/Sewer/Flood control 6415-02	158,000	79,500	1,946	81,447	51.55%
Water Availability Standby-Admin 6415-01	87,000	41,336	1,364	42,700	49.08%
SA 3 Water Standby Fee 6415-04	30,000	16,687	320	17,007	56.69%
Pest Control Standby fees	18,000	8,976	827	9,803	54.46%
Penalty & Interest-Availability Charges	2,000	1,000	-	1,000	50.00%
<b>Total Availability Charges:</b>	<b>331,000</b>	<b>200,500</b>	<b>5,186</b>	<b>205,686</b>	<b>62.14%</b>

**SEWER SERVICE CHARGES**

TCS Holders Fees	180,000	105,140	15,012	120,152	66.75%
TCS Users Fees	30,000	19,410	3,000	22,410	74.70%
SA #5 Sewer Fees	131,000	77,379	10,236	87,615	66.88%
SA #1 Sewer Fees	54,000	31,800	4,560	36,360	67.33%
Sewer Penalty & Interest Charges	-	1,414	-	1,414	0.00%
Sewer Hook-UP Fees	1,000	-	-	-	0.00%
Inspection fees	500	-	-	-	0.00%
Capacity Fees	3,500	2,138	-	2,138	61.10%
<b>Total Sewer Service Charges:</b>	<b>400,000</b>	<b>237,281</b>	<b>32,808</b>	<b>270,089</b>	<b>67.52%</b>

**PARK/GOLF INCOME**

CSD Fees-(Trash & Golf)	92,406	56,553	8,093	64,646	69.96%
Golf receipts	27,594	11,177	2,673	13,850	50.19%
<b>Total Park/Golf Income:</b>	<b>120,000</b>	<b>67,730</b>	<b>10,766</b>	<b>78,496</b>	<b>65.41%</b>

**OTHER INCOME**

Rent Income San Diego County	7,584	4,424	643	5,067	66.81%
Plan Review Fee/Will Serve Commitments	12,000	-	-	-	0.00%
Annexation fees	-	500	-	500	0.00%
Water Credits Administration Fee	50,000	-	1,500	1,500	3.00%
Fire Hydrant Installation	-	-	-	-	0.00%
Miscellaneous Income	15,000	8,113	-	8,113	54.08%
Gain on Asset Sold	2,000	-	-	-	0.00%
<b>Total Other Income:</b>	<b>86,584</b>	<b>13,037</b>	<b>2,143</b>	<b>15,180</b>	<b>17.53%</b>

**INTEREST INCOME**

Interest Income LAIF	500	50	-	50	10.08%
Interest Income Other	10,000	2,203	50	2,253	22.53%
<b>Total Interest Income:</b>	<b>10,500</b>	<b>2,254</b>	<b>50</b>	<b>2,303</b>	<b>21.94%</b>

<b>Total Income:</b>	<b>3,189,084</b>	<b>1,614,098</b>	<b>197,380</b>	<b>1,806,666</b>	<b>56.65%</b>
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**BORREGO WATER DISTRICT**  
**Expense Budget to Actual Comparison**  
**FYE 2011**

DESCRIPTION	Current Budget FYE 2011	Beginning Balance 02/01/11	Monthly Activity February	Actual as of 02/28/11	Actual vs Budget FYE 2011
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**MAINTENANCE EXPENSE**

Maintenance & Repairs Buildings & Equipment	65,000	37,535	11,046	48,581	74.74%
Maintenance & Repairs/Wells,Pipelines,Pumps/WWTP	30,000	15,650	392	16,042	53.47%
Collection System Maintenance	5,000	242	-	242	4.85%
Reservoir Maintenance	7,500	2,760	-	2,760	36.80%
Water System Maintenance	25,000	19,556	-	19,556	78.22%
Well/Pump Repairs & Maintenance	25,000	9,898	777	10,675	42.70%
Equipment Rental	5,000	536	77	612	12.24%
Telemetry Services	20,000	10,991	2,481	13,472	67.36%
Trash Removal	30,000	22,691	2,787	25,478	84.93%
Vehicle Expense	15,000	14,687	995	15,682	104.55%
<b>Total Maintenance Expense:</b>	<b>227,500</b>	<b>134,546</b>	<b>18,555</b>	<b>153,101</b>	<b>67.30%</b>

**PROFESSIONAL SERVICES EXPENSE**

Accounting	5,000	2,461	12,366	14,827	296.55%
Administrative Services	4,000	2,345	289	2,634	65.85%
Audit Fees	35,000	20,900	(12,498)	8,402	24.00%
Computer Billing	33,000	13,646	2,026	15,673	47.49%
Engineering	1,000	-	-	-	0.00%
Legal Services	24,000	18,624	5,309	23,933	99.72%
Testing/Labwork	22,000	9,018	2,380	11,398	51.81%
<b>Total Professional Services Expense:</b>	<b>124,000</b>	<b>66,994</b>	<b>9,872</b>	<b>76,867</b>	<b>61.99%</b>

**INSURANCE EXPENSE**

Insurance	75,000	43,900	6,271	50,172	66.90%
Workmens Comp	24,000	12,000	(1,002)	10,998	45.83%
<b>Total Insurance Expense:</b>	<b>99,000</b>	<b>55,900</b>	<b>5,269</b>	<b>61,170</b>	<b>61.79%</b>

**PERSONNEL EXPENSE**

Mileage Reimbursement/Auto Allowance	1,800	1,331	-	1,331	73.94%
Board Meeting Expense	41,000	47,488	1,452	48,940	119.37%
Salaries & Wages	1,104,223	701,275	71,243	772,518	69.96%
Salaries & Wages off set account		(49,295)	(6,870)	(56,165)	0.00%
Accrued Sick/Vacation	26,000	13,000	-	13,000	50.00%
Taxes on Payroll	36,000	16,523	2,991	19,514	54.21%
Medical Insurance Benefits	282,004	149,113	18,089	167,203	59.29%
Calpers Retirement Benefits	217,996	119,949	14,006	133,955	61.45%
<b>Total Personnel Expense:</b>	<b>1,709,023</b>	<b>999,384</b>	<b>100,912</b>	<b>1,100,296</b>	<b>64.38%</b>

**OFFICE EXPENSE**

Equipment Rental	8,000	5,951	-	5,951	74.38%
Office Supplies	30,000	12,216	1,664	13,880	46.27%
Office Equipment	20,000	7,162	-	7,162	35.81%
Office Utilities	13,000	8,580	764	9,344	71.88%
Maintenance Agreements	16,000	7,717	-	7,717	48.23%
Postage & Freight	13,000	6,517	24	6,541	50.32%
Taxes on Property	3,000	2,290	-	2,290	76.35%
Answering Service	2,500	1,668	283	1,951	78.03%
Telephone	7,000	5,752	(492)	5,260	75.14%
<b>Total Office Expense:</b>	<b>112,500</b>	<b>57,853</b>	<b>2,242</b>	<b>60,095</b>	<b>53.42%</b>

**BORREGO WATER DISTRICT**  
**Expense Budget to Actual Comparison**  
**FYE 2011**

DESCRIPTION	Current Budget FYE 2011	Beginning Balance 02/01/11	Monthly Activity February	Actual as of 02/28/11	Actual vs Budget FYE 2011
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**UTILITIES EXPENSE**

Pumping-Electricity	500,000	229,026	31,058	260,085	52.02%
Cellular Phone	11,000	5,242	1,272	6,515	59.22%
<b>Total Utilities Expense:</b>	<b>511,000</b>	<b>234,268</b>	<b>32,331</b>	<b>266,599</b>	<b>52.17%</b>

**DEPRECIATION EXPENSE**

Depreciation Expense	600,000	352,971	50,424	403,396	67.23%
<b>Total Depreciation Expense:</b>	<b>600,000</b>	<b>352,971</b>	<b>50,424</b>	<b>403,396</b>	<b>67.23%</b>

**OTHER EXPENSE**

Amortization Expense	16,491	9,620	1,374	10,995	66.67%
Interest Expense-COP 2008	125,000	72,844	10,406	83,250	66.60%
Bad Debt Expense	5,000	904	366	1,270	25.40%
Conferences & Conventions	15,000	18,271	18	18,289	121.93%
Training	8,500	1,618	-	1,618	19.04%
Contract Labor	15,000	7,739	-	7,739	51.59%
Dues & Subscriptions	10,000	4,120	277	4,396	43.96%
Regulatory Permit Fees	60,000	40,775	1,190	41,965	69.94%
Bank Fees	500	79	-	79	15.70%
Community Relations	1,000	260	200	460	46.00%
Fuel & Oil	54,000	29,936	4,417	34,353	63.62%
Other Expense	5,000	5,697	1	5,697	113.94%
Safety Requirements	10,000	3,548	838	4,386	43.86%
Printing, Publications & Notices	5,000	1,012	-	1,012	20.24%
Uniforms	8,500	3,498	415	3,912	46.03%
Administrative Allocation		438,634	-	438,634	0.00%
Contingency Fund	83,561	5,495	-	5,495	6.58%
<b>Total Other Expense:</b>	<b>422,552</b>	<b>644,049</b>	<b>19,501</b>	<b>663,550</b>	<b>157.03%</b>
<b>Total Expenses:</b>	<b>3,805,575</b>	<b>2,545,965</b>	<b>239,108</b>	<b>2,785,073</b>	<b>73.18%</b>
<b>Non Cash Expenses:</b>		<b>(925,565)</b>	<b>(60,473)</b>	<b>(976,153)</b>	
Capital Expenditures/COP 2008 payment/inventory:		696,341	85,933	782,274	
<b>Total Cash Expenditures:</b>		<b>2,316,741</b>	<b>264,568</b>	<b>2,591,194</b>	
<b>Total Income:</b>		<b>1,614,098</b>	<b>197,380</b>	<b>1,806,666</b>	
<b>Net Income/(Expense):</b>		<b>(702,643)</b>	<b>(67,188)</b>	<b>(769,831)</b>	



# BORREGO WATER DISTRICT

To: BWD Board of Directors  
 From: Kim Pitman  
 Subject: Consideration of the Disbursements and Claims Paid  
 Month Ending -February, 2011

**I.**

<b>A. Vendor disbursements paid during this period:</b>	<b>\$ 200,835.40</b>
<u>Significant items:</u>	
1 Utilities	\$ 31,676.52
2 CalPERS Payments	\$ 16,541.88
3 Employee Health Benefits	\$ 21,150.53
4 Citizens Bank-COP 2008 Interest payment	\$ 62,437.50
<b>B. Capital Projects Outlays (included in vendor disbursements paid above):</b>	
Clark Lake-Brian Polley/County-Record Survey/Water samples	\$ 15,468.89
Lift Station-MSA Consulting/TC Construction	\$ 6,568.44
<b>C. Payroll for this Period:</b>	<b>\$ 71,242.86</b>

**D. Total Professional Services for this Period (included in vendor disbursements paid above):**

Stradling, Yocca, Carlson & Rauth:	Deposit Account-Mesquite Trails	\$ 1,795.00
	Board Meeting Expense	\$ 525.00
	Misc. legal	\$ 5,309.19
	Capital Projects-Viking Ranch	\$ 325.00
	<b>Total Invoice</b>	<b>\$ 7,954.19</b>

**E. Adjustments:**

<b>F. Total Cash Outlays:</b>	<b>\$ 272,078.26</b>
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**II. Revenues this Period:**

<b>A. O &amp; M</b>	\$ 197,380.00
<b>B. Capital</b>	\$ -
<b>C. Disbursements paid out of Deposit Accounts</b>	\$ 1,795.00

<b>III. Net Cash Revenue/(Expense):</b>	<b>\$ (72,903.26)</b>
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BORREGO WATER DISTRICT  
CHECK 16864- 16917

HISTORICAL A/P INVOICE DISTRIBUTIONS BY GL ACCOUNT  
03/16/11

=====

VENDOR NAME

=====

VEND #

PO #

INV DATE

INV #

DESCRIPTION

=====

AMOUNT

ID

=====

NUMBER

=====

01 1510 - INVENTORY CONTROL  
PACIFIC PIPELINE SUPPLY INC  
AMERICAN BACKFLOW SPECIALTIES  
1208  
9338  
02/02/11  
02/08/11  
144683  
INV17601  
INVENTORY CONTROL  
INVENTORY CONTROL  
768.38  
364.80

01 1712 - SUSTAINABLE WATER PROJECT-CIP  
COUNTY OF SAN DIEGO  
1041  
E. S. BABCOCK & SONS, INC.  
9255  
BRIAN POLLEY LAND SURVEYING, IC  
9377  
02/11/11  
02/28/11  
02/11/11  
021111  
022811  
4191  
RECORD OF SURVEY  
AND RECORDER'S FEE  
ROCKHOUSE TRAIL ROAD  
WATER SAMPLES  
FROM ALL WELLS  
PROFESSIONAL FEES  
ROCKHOUSE TRUCK TRAIL  
NORTH CLARK LAKE  
1,786.00  
495.00  
13,187.89

01 1717 - SEWER SYSTEM IMPROVEMENTS-CIP  
MSA CONSULTING, INC.  
9426  
TC CONSTRUCTION COMPANY  
9489  
01/31/11  
01/31/11  
91979  
22840  
PROFESSIONAL FEES  
SEWER LIFT STATION  
ADDITIONAL SERVICES  
INSTALLMENT ON  
LIFT STATION  
CONTRACT  
2,600.00  
3,968.44

01 1722 - GW MANAGEMENT PROGRAM-CIP  
STRADLING, YOCCA, CARLSON, RAUTH  
1020  
02/28/11  
022811  
SEE INVOICES FOR  
FEE DESCRIPTIONS  
325.00

01 2206 - ACCRUED TELEMETRY  
VICTOR JAMES VALENTI/DBA  
1027  
1027  
02/28/11  
02/28/11  
10525  
10526  
SCADA COMPUTER  
PROGRAM BACKUP  
ID1 & ID4  
SCADA SERVICE  
NEW LIFT STATION  
1,215.70  
1,265.30

01 2300 - ACCRUED INTEREST PAYABLE  
CITIZENS BUSINESS BANK  
9418  
02/15/11  
021511  
COP2008 INSTALLMENT  
62,437.50

01 2410 - MESQUITE TRAILS DEPOSIT  
STRADLING, YOCCA, CARLSON, RAUTH  
1020  
02/28/11  
022811  
SEE INVOICES FOR  
FEE DESCRIPTIONS  
1,795.00

01 190 - BOARD MEETING EXPENSE  
STRADLING, YOCCA, CARLSON, RAUTH  
1020  
02/28/11  
022811  
SEE INVOICES FOR  
FEE DESCRIPTIONS  
525.00

HISTORICAL A/P INVOICE DISTRIBUTIONS BY GL ACCOUNT

HISTORICAL A/P INVOICE DISTRIBUTIONS BY GL ACCOUNT  
03/16/11

BORREGO WATER DISTRICT  
CHECK 16864- 16917

VENDOR NAME  
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01 5200 - COMPUTER BILLING  
DATASTREAM BUSINESS SOLUTIONS, 3043  
PC/NETWORK PROGRAMMING  
01/01/11-01/31/11

01 5240 - CONFERENCE/TRAVEL  
U.S.BANK CORPORATE PAYMENT SYS 3000  
SEE INVOICES FOR DETAILS  
18.01

01 5400 - DUES & SUBSCRIPTIONS  
U.S.BANK CORPORATE PAYMENT SYS 3000  
SEE INVOICE FOR DETAILS  
150.00  
WEST GROUP PAYMENT CTR. 3012  
CA WATER CODE PAMPHLETS &  
ENV.LAW CODE PAMPHLETS  
126.70

01 5401 - FEES  
COUNTY OF SAN DIEGO 48  
UNDERGROUND SERVICE ALERT 1023  
REORDER/COUNTY CLERK'S OFFICE 9387  
NOTICE OF EXEMPTION LORCH PROPERTY  
NOTICE OF EXEMPTION LORCH PROPERTY  
WATER TREATMENT  
OPERATOR EXAM FEE  
330.00  
24.00  
50.00  
-50.00  
45.00  
CDPH-OCF  
02/22/11 022211 022211  
EXCAVATION PERMITS  
DIG-ALERTS TICKETS  
FOR FEBRUARY 2011  
NOTICE OF EXEMPTION LORCH PROPERTY  
NOTICE OF EXEMPTION LORCH PROPERTY  
WATER TREATMENT  
OPERATOR EXAM FEE

01 5420 - EMPLOYEE MEDICAL BENEFITS  
ACWA HEALTH BENEFITS AUTHORITY 1000  
EMPLOYEE BENEFITS  
03/01/11-04/01/11  
EMPLOYEE PAID HEALTH BENEFITS  
8,025.62  
587.84  
AFLAC 1266  
02/28/11 022811 02/11/11 976993

01 5421 - EMPLOYEE RETIREMENT BENEFITS  
PUBLIC EMP'S RETIREMENT SYSTEM 3011  
EMPLOYEE BENEFITS  
02/01/11-02/15/11  
EMPLOYEE BENEFITS  
02/16/11-02/28/11  
8,919.63  
7,622.25

01 5423 - COMMUNITY RELATIONS  
BAPAC 9472  
ANNUAL TOWN HALL  
MEETING AREA RENTAL  
200.00

01 5460 - FUEL & OIL

HISTORICAL A/P INVOICE DISTRIBUTIONS BY GL ACCOUNT  
03/16/11

VENDOR NAME	VEND #	PO #	INV DATE	INV #	DESCRIPTION	AMOUNT	ID	NUMBER
KENNY STRICKLAND, INC.	1067		02/15/11	021511	FUEL FOR CREW TRUCKS	330.18		
	1067		02/15/11	021511	FUEL FOR CREW TRUCKS	1,320.71		
	1067		02/17/11	2021165	FUEL FOR CREW TRUCKS	111.49		
01 5560 - LEGAL SERVICES STRADLING, YOCCA, CARLSON, RAUTH	1020		02/28/11	022811	SEE INVOICES FOR FEE DESCRIPTIONS	5,309.19		
01 5600 - R & M BUILDINGS & EQUIPMENT NAPA AUTO PARTS INC	1016		02/28/11	022811	PARTS & MATERIALS SEE INVOICES FOR DETAILS	43.66		
JAMES G HORMUTH/DBA TRUE VALUE	1022		02/28/11	022811	MATERIALS & PARTS SEE INVOICES FOR DETAILS	138.88		
MARITA HOOPER	1069		02/22/11	808165	WINDOW WASHING DISTRICT OFFICE & YARD OFFICE	100.00		
HOME DEPOT CREDIT SERVICES	1136		02/24/11	022411	SEE INVOICES FOR DETAILS	134.47		
DEBBIE MORETTI	1136		02/24/11	022411	SEE INVOICES FOR DETAILS	-103.24		
U.S.BANK CORPORATE PAYMENT SYS	3000		02/28/11	022811	PEST CONTROL	78.00		
			02/22/11	022211GH	ALL FACILITIES SEE INVOICE FOR DETAILS	462.84		
01 5606 - EQUIPMENT RENTAL-MAINTENANCE SHANK AND KRETZ INC	1018		02/02/11	14063	WELDING TANK RENTAL FEB.	76.50		
01 5662 - OFFICE SUPPLIES BORREGO SPRINGS BOTTLED WATER	1003		02/28/11	022811	BOTTLED WATER FOR OFFICES	78.67		
QUILL CORPORATION	1033		02/03/11	2103863	OFFICE SUPPLIES SEE INVOICE FOR DETAILS	352.73		
	1033		02/08/11	2195009	OFFICE SUPPLIES SEE INVOICE FOR DETAILS	280.73		
	1033		02/08/11	2205733	OFFICE SUPPLIES SEE INVOICE FOR DETAILS	22.49		
	1033		02/18/11	2474404	OFFICE SUPPLIES SEE INVOICE FOR DETAILS	395.13		
DEPT. 56 - 0000059040	1059		02/27/11	022711	OFFICE SUPPLIES & PRINTER INK	88.04		

HISTORICAL A/P INVOICE DISTRIBUTIONS BY GL ACCOUNT

HISTORICAL A/P INVOICE DISTRIBUTIONS BY GL ACCOUNT  
03/16/11

BORREGO WATER DISTRICT  
CHECK 16864- 16917

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VENDOR NAME  
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VEND #  
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HOME DEPOT CREDIT SERVICES 1136 02/24/11 022411 SEE INVOICES FOR DETAILS  
U.S.BANK CORPORATE PAYMENT SYS 3000 02/22/11 022211GH SEE INVOICE FOR DETAILS

01 5664 - OFFICE UTILITIES 1065 02/18/11 021811L 6954 509 423 8 STIRRUP ROAD 10.18  
SAN DIEGO GAS & ELECTRIC 1065 02/18/11 021811O 2700 523 335 7 OLD SHOP 654.71  
806 PALM CANYON DR. OFFICE/MAINT SHOP  
6159 441 279 1  
2473 STIRRUP RD LUGO BLDG. 23.21

01 5681 - SAFETY SUPPLIES 9385 02/04/11 40986174 CLOSED CIRCUIT SECURITY INSTALLED FRONT OFFICE AREA 838.15  
ADT

01 5690 - POSTAGE & FREIGHT 3024 02/11/11 39167643 OVERNIGHT SHIPPING A. BURNS 23.71  
FED EX

01 5720 - PUMPING - ELECTRICITY 1065 02/18/11 021811S 9534 569 937 1 2201 DIGUENO RD ID4-11 2,691.29  
SAN DIEGO GAS & ELECTRIC

01 5852 - ANSWERING SERVICE 1109 02/17/11 021711 ANSWERING/PAGING FEBRUARY SERVICE 282.75  
ABILITY ANSWERING/PAGING SER

01 5854 - CELLULAR PHONE 61 01/31/11 013111A SKIPPED PAYMENT IN JANUARY 1,043.92  
AT&T MOBILITY 61 02/11/11 2182011 MONTHLY SERVICE 60.60  
01/12/11-02/11/11  
VERIZON WIRELESS 1100 02/01/11 6405555 EMERGENCY CELL PHONES FOR POWER OUTAGES 83.87  
1100 02/28/11 022811 EMERGENCY CELL PHONES FOR POWER OUTAGES 83.87

HISTORICAL A/P INVOICE DISTRIBUTIONS BY GL ACCOUNT

03/16/11 08:35:19

HISTORICAL A/P INVOICE DISTRIBUTIONS BY GL ACCOUNT  
03/16/11

BORREGO WATER DISTRICT  
CHECK 16864- 16917

VENDOR NAME  
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INV DATE  
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DESCRIPTION  
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AMOUNT  
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VENDOR NAME	PO #	INV DATE	INV #	DESCRIPTION	AMOUNT	ID	NUMBER
01 5860 - TESTING/LAB WORK E.S. BABCOCK & SONS, INC.	9255	02/28/11	022811	WATER SAMPLES FROM ALL WELLS	120.00		
01 5890 - TRASH REMOVAL ALLIED WASTE SERVICES #467	3034	02/28/11	1254872	3-0467-0701728 4861 BORREGO SPRINGS RD 2475 STIRRUP RD BASIC SERVICE	272.79		
01 5895 - UNIFORMS AMERICAN LINEN INC.	1001	02/24/11	022411	UNIFORMS FOR CREW	414.70		
01 5896 - VEHICLE EXPENSE NAPA AUTO PARTS INC	1016	02/28/11	022811	PARTS & MATERIALS SEE INVOICES FOR DETAILS	24.31		
DESERT TIRE CENTER	1113	02/04/11	10660	FORD F150 LIC#:1104267CA	762.29		
	1113	02/24/11	10989	NEW TIRES CHEVY 2500 LIC#:1133969	73.76		
U.S.BANK CORPORATE PAYMENT SYS	3000	02/22/11	022211JR	BASIC SERVICE AND PARTS SEE INVOICES FOR DETAILS	134.94		
02 5420 - EMPLOYEE MEDICAL BENEFITS ACWA HEALTH BENEFITS AUTHORITY	1000	02/28/11	022811	EMPLOYEE BENEFITS 03/01/11-04/01/11	2,163.19		
02 5460 - FUEL & OIL KENNY STRICKLAND, INC.	1067 1067	02/15/11 02/17/11	021511 2021165	FUEL FOR CREW TRUCKS FUEL FOR CREW TRUCKS	990.54 334.46		
02 6605 - R & M WELL/PUMP ADDEN VALLEY PUMP SYSTEMS INC	1012	02/03/11	25722000	SERVICE CALL WELL-ID1-10	150.00		
02 720 - PUMPING - ELECTRICITY SAN DIEGO GAS & ELECTRIC	1065	02/16/11	021611F	6160 624 622 9 951 RANGO WAY ID1-16	4,760.37		

HISTORICAL A/P INVOICE DISTRIBUTIONS BY GL ACCOUNT

03/16/11 08:35:19

BORREGO WATER DISTRICT  
CHECK 16864- 16917

HISTORICAL A/P INVOICE DISTRIBUTIONS BY GL ACCOUNT  
03/16/11

VENDOR NAME	VEND #	PO #	INV DATE	INV #	DESCRIPTION	AMOUNT	ID	NUMBER
	1065		02/17/11	021711A	1614 196 067 6 4275 YAQUI PASS RD BOOSTER STATION 2	1,423.18		
	1065		02/17/11	021711B	1614 489 405 4 5037 BORREGO SPRINGS RD ID1-8	41.86		
	1065		02/17/11	021711D	3864 202 758 1 2510 RAMS HILL RD BOOSTER STATION 1	203.68		
	1065		02/17/11	021711G	7285 625 351 8 4201 BORREGO SPRINGS RD ID1-10	1,646.70		
	1065		02/17/11	021711M	6114 522 473 7 3352 BORREGO VALLEY RD ID1-12	5,836.67		
	1065		02/17/11	021711P	9489 482 054 6 5065 BORREGO SPRINGS RD ID1-2	13.28		
	1065		02/17/11	021711T	8364 482 055 9 5073 BORREGO SPRINGS RD ID1-1	17.65		

03 5420 - EMPLOYEE MEDICAL BENEFITS  
ACWA HEALTH BENEFITS AUTHORITY 1000 02/28/11 022811 EMPLOYEE BENEFITS  
03/01/11-04/01/11 2,882.89

03 5460 - FUEL & OIL  
KENNY STRICKLAND, INC. 1067 02/15/11 021511 FUEL FOR CREW TRUCKS  
1067 02/17/11 2021165 FUEL FOR CREW TRUCKS 330.18  
111.49

04 5180 - BAD DEBT EXPENSE  
RECORDER/COUNTY CLERK'S OFFICE 9387 02/17/11 021711 RELEASE OF LIENS:  
J.KINCAID 13.00  
G.BOND  
RELEASE OF LIENS:  
J.KINCAID -13.00  
G.BOND

04 4401 - FEES  
FOR POLLUTION 9524 01/21/11 012111B APPLICATION FOR  
EQUIPMENT AT:3700  
BORREGO SPRINGS RD 741.00

04 5420 - EMPLOYEE MEDICAL BENEFITS  
ACWA HEALTH BENEFITS AUTHORITY 1000 02/28/11 022811 EMPLOYEE BENEFITS  
03/01/11-04/01/11 4,052.91

HISTORICAL A/P INVOICE DISTRIBUTIONS BY GL ACCOUNT  
03/16/11

BORREGO WATER DISTRICT  
CHECK 16864-16917

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VENDOR NAME	VEND #	PO #	INV DATE	INV #	DESCRIPTION	AMOUNT	ID	NUMBER
04 5460 - FUEL & OIL KENNY STRICKLAND, INC.	1067		02/17/11	2021165	FUEL FOR CREW TRUCKS	445.92		
04 5600 - R & M BUILDINGS & EQUIPMENT HIDDEN VALLEY PUMP SYSTEMS INC	1012		02/22/11	25752000	METER VAULTS FOR BILL WRIGHT-ID-4	13,342.65		
DE ANZA READY MIX	1066		02/14/11	8302	METER INSTALL FOR BILL WRIGHT	293.55		
PACIFIC PIPELINE SUPPLY INC	1208		02/10/11	144733	METER PARTS FOR BILL WRIGHT	735.59		
04 5605 - R & M WELL/PUMP MCCALLS METERS, INC	1216		02/15/11	20396	METER REPAIR ID-4	627.22		
04 5720 - PUMPING - ELECTRICITY SAN DIEGO GAS & ELECTRIC	1065		02/17/11	021711U	5035 410 733 7 3528 COUNTRY CLUB RD ID4-10	2,062.25		
	1065		02/17/11	021711V	4240 011 405 2 301 SLASH M RD. COUNTRY CLUB TANK	10.18		
	1065		02/18/11	021811W	3909 503 745 7 1775 BORREGO SPRINGS RD ID4-4	5,528.87		
	1065		02/18/11	021811X	2881 512 118 8 1111 INDIAN HEAD RANCH RD ID4-18	1,107.22		
04 5860 - TESTING/LAB WORK E.S. BABCOCK & SONS, INC.	9255		02/28/11	022811	WATER SAMPLES FROM ALL WELLS	280.00		
05 5420 - EMPLOYEE MEDICAL BENEFITS ACWA HEALTH BENEFITS AUTHORITY	1000		02/28/11	022811	EMPLOYEE BENEFITS 03/01/11-04/01/11	411.25		
05 5600 - R & M BUILDINGS & EQUIPMENT DEBBIE MORETTI	1222		02/28/11	022811	PEST CONTROL ALL FACILITIES	35.00		
05 5601 - M & R SEWER TREATMENT PLANT JAMES G HORMUTH/DBA TRUE VALUE	1022		02/28/11	022811	MATERIALS & PARTS SEE INVOICES FOR DETAILS	58.83		

AGENDA PAGE 27

HISTORICAL A/P INVOICE DISTRIBUTIONS BY GL ACCOUNT

03/16/11 08:35:19

HISTORICAL A/P INVOICE DISTRIBUTIONS BY GL ACCOUNT  
03/16/11

VENDOR NAME	VEND #	PO #	INV DATE	INV #	DESCRIPTION	AMOUNT	ID	NUMBER
HOME DEPOT CREDIT SERVICES	1136		02/24/11	022411	SEE INVOICES FOR DETAILS	192.81		
FASTENAL COMPANY	1777		02/07/11	25511	PARTS TO SECURE SURFACE AERATOR TO POSTS	140.51		
05 5662 - OFFICE SUPPLIES BORREGO SPRINGS BOTTLED WATER	1003		02/28/11	022811	BOTTLED WATER FOR OFFICES	26.23		
05 5720 - PUMPING - ELECTRICITY SAN DIEGO GAS & ELECTRIC	1065		02/17/11	021711C	2739 492 349 3 4861 BORREGO SPRINGS RD TREATMENT PLAN	1,897.02		
06 5420 - EMPLOYEE MEDICAL BENEFITS ACWA HEALTH BENEFITS AUTHORITY	1000		02/28/11	022811	EMPLOYEE BENEFITS 03/01/11-04/01/11	411.25		
06 5720 - PUMPING - ELECTRICITY SAN DIEGO GAS & ELECTRIC	1065		02/17/11	021711E	3864 691 264 8 2947 BOREGO VALLEY RD LIFT STATION	80.90		
	1065		02/17/11	021711I	3607 425 233 9 2990 BORREGO VALLEY RD TC LIFT STATION ID-5	299.88		
	1065		02/22/11	022211Q	3864 691 264 8 2947 BOREGO VALLEY RD LIFT STATION	83.33		
10 5720 - PUMPING - ELECTRICITY SAN DIEGO GAS & ELECTRIC	1065		02/17/11	021711K	9525 627 944 5 2989 BORREGO VALLEY RD PACKAGE PLANT	1,092.04		
10 5723 - ID#5 ELECTRICITY WWTP DESERT ELECTRIC	9295		02/22/11	385863	SERVICE CALL TO TREATMENT PLANT PROBLEM WITH PANEL	70.00		
10 8860 - TESTING/LAB WORK-SEWER E.S. BABCOCK & SONS, INC.	9255		02/28/11	022811	WATER SAMPLES FROM ALL WELLS	1,965.00		

HISTORICAL A/P INVOICE DISTRIBUTIONS BY GL ACCOUNT

HISTORICAL A/P INVOICE DISTRIBUTIONS BY GL ACCOUNT  
03/16/11

VENDOR NAME  
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INV DATE  
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DESCRIPTION  
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AMOUNT  
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10 5890 - TRASH REMOVAL ALLIED WASTE SERVICES #467	3034		02/28/11	1254293	3-0467-0017715 2990 BORRERO VALLEY RD BASIC SERVICE	196.41	
14 5420 - EMPLOYEE MEDICAL BENEFITS ACWA HEALTH BENEFITS AUTHORITY	1000		02/28/11	022811	EMPLOYEE BENEFITS 03/01/11-04/01/11	452.38	
14 5460 - FUEL & OIL KENNY STRICKLAND, INC.	1067 1067		02/15/11 02/17/11	021511 2021165	FUEL FOR CREW TRUCKS FUEL FOR CREW TRUCKS	330.18 111.49	
14 5600 - MAINTENANCE & REPAIRS DEBBIE MORETTI	1222		02/28/11	022811	PEST CONTROL ALL FACILITIES	32.00	
TURF STAR, INC.	9425		02/25/11	1215549	FAIRWAY MOWER SERVICE 200HRS	371.25	
14 5662 - OFFICE SUPPLIES U.S.BANK CORPORATE PAYMENT SYS PRINT-O-MAT	3000 9528		02/22/11 02/09/11	022211GH 40746	SEE INVOICE FOR DETAILS CLUB CIRCLE GOLF COURSE SUPPLIES	11.68 150.44	
14 5720 - PUMPING - ELECTRICITY SAN DIEGO GAS & ELECTRIC	1065		02/17/11	021711H	1614 548 936 7 CLUB CIRCLE GOLF	9.56	
14 5858 - TELEPHONE AT&T Long Distance	9491 9491		02/04/11 02/09/11	81795598 85837656	W CLUB CIRCLE S 6114 527 629 9 TILTING T DR CLUB CIRCLE GOLF	65.96 6.40	
15 180 - BAD DEBT EXPENSE RECORDER/COUNTY CLERK'S OFFICE	9387		02/17/11	021711	MONTHLY SERVICE FEBRUARY 2011 MONTHLY SERVICE JANUARY 2011  RELEASE OF LIENS: J.KINCAID G.BOND	13.00	

HISTORICAL A/P INVOICE DISTRIBUTIONS BY GL ACCOUNT

HISTORICAL A/P INVOICE DISTRIBUTIONS BY GL ACCOUNT  
03/16/11

BORREGO WATER DISTRICT  
CHECK 16864- 16917

VENDOR NAME	VEND #	PO #	INV DATE	INV #	DESCRIPTION	AMOUNT	ID	NUMBER
	9387		02/17/11	021711A	RELEASE OF LIENS: J.KINCAID G.BOND	-13.00		
15 5420 - EMPLOYEE MEDICAL BENEFITS ACWA HEALTH BENEFITS AUTHORITY	1000		02/28/11	022811	EMPLOYEE BENEFITS 03/01/11-04/01/11	2,163.20		
15 5720 - PUMPING - ELECTRICITY SAN DIEGO GAS & ELECTRIC	1065		02/17/11	021711N	4785 979 020 3 3003 LOFTER DR ID5-5	2,172.93		
15 5890 - TRASH REMOVAL ALLIED WASTE SERVICES #467	3034		02/28/11	1253968	3-0467-0007554 3155 HONOR CT BASIC SERVICE	2,317.62		
***** GRAND TOTAL FOR 125 DISTRIBUTIONS						200,835.40		

HISTORICAL A/P INVOICE DISTRIBUTIONS BY GL ACCOUNT

03/16/11 08:35:19

DISTRIBUTION SUMMARY

G/L ACCOUNT#	DESCRIPTION	AMOUNT
01 1510	INVENTORY CONTROL	1,133.18
01 1712	SUSTAINABLE WATER PROJECT-CIP	15,468.89
01 1717	SEWER SYSTEM IMPROVEMENTS-CIP	6,568.44
01 1722	GW MANAGEMENT PROGRAM-CIP	325.00
01 2206	ACCRUED TELEMETRY	2,481.00
01 2300	ACCRUED INTEREST PAYABLE	62,437.50
01 2410	MESQUITE TRAILS DEPOSIT	1,795.00
01 5190	BOARD MEETING EXPENSE	1,525.00
01 5200	COMPUTER BILLING	1,567.50
01 5240	CONFERENCE/TRAVEL	18.01
01 5400	DUES & SUBSCRIPTIONS	276.70
01 5401	FEES	399.00
01 5420	EMPLOYEE MEDICAL BENEFITS	8,613.46
01 5421	EMPLOYEE RETIREMENT BENEFITS	16,541.88
01 5423	COMMUNITY RELATIONS	200.00
01 5460	FUEL & OIL	1,762.38
01 5560	LEGAL SERVICES	5,309.19
01 5600	R & M BUILDINGS & EQUIPMENT	854.61
01 5606	EQUIPMENT RENTAL-MAINTENANCE	76.50
01 5662	OFFICE SUPPLIES	1,584.50
01 5664	OFFICE UTILITIES	688.10
01 5681	SAFETY SUPPLIES	838.15
01 5690	POSTAGE & FREIGHT	23.71
01 5720	PUMPING - ELECTRICITY	2,691.29
01 5852	ANSWERING SERVICE	282.75
01 5854	CELLULAR PHONE	1,272.26
01 5860	TESTING/LAB WORK	120.00
01 5890	TRASH REMOVAL	272.79
01 5895	UNIFORMS	414.70
01 5896	VEHICLE EXPENSE	995.30
02 5420	EMPLOYEE MEDICAL BENEFITS	2,163.19
02 5460	FUEL & OIL	1,325.00
02 5605	R & M WELL/PUMP	150.00
02 5720	PUMPING - ELECTRICITY	13,943.39
03 5420	EMPLOYEE MEDICAL BENEFITS	2,882.89
03 5460	FUEL & OIL	441.67
04 5180	BAD DEBT EXPENSE	0.00
04 5401	FEES	741.00
04 5420	EMPLOYEE MEDICAL BENEFITS	4,052.91
04 5460	FUEL & OIL	445.92
04 5600	R & M BUILDINGS & EQUIPMENT	14,371.79
04 5605	R & M WELL/PUMP	627.22
04 5720	PUMPING - ELECTRICITY	8,708.52
04 5860	TESTING/LAB WORK	280.00
05 5420	EMPLOYEE MEDICAL BENEFITS	411.25
05 5600	R & M BUILDINGS & EQUIPMENT	35.00
05 5601	M & R SEWER TREATMENT PLANT	392.15
05 5662	OFFICE SUPPLIES	26.23
05 5720	PUMPING - ELECTRICITY	1,897.02
06 5420	EMPLOYEE MEDICAL BENEFITS	411.25
06 5720	PUMPING - ELECTRICITY	464.11
10 5720	PUMPING - ELECTRICITY	1,092.04

DISTRIBUTION SUMMARY

G/L ACCOUNT#	DESCRIPTION	AMOUNT
10 5723	ID#5 ELECTRICITY WWTP	70.00
10 5860	TESTING/LAB WORK-SEWER	1,965.00
10 5890	TRASH REMOVAL	196.41
14 5420	EMPLOYEE MEDICAL BENEFITS	452.38
14 5460	FUEL & OIL	441.67
14 5600	MAINTENANCE & REPAIRS	403.25
14 5662	OFFICE SUPPLIES	162.12
14 5720	PUMPING - ELECTRICITY	19.12
14 5858	TELEPHONE	72.36
15 5180	BAD DEBT EXPENSE	0.00
15 5420	EMPLOYEE MEDICAL BENEFITS	2,163.20
15 5720	PUMPING - ELECTRICITY	2,172.93
15 5890	TRASH REMOVAL	2,317.62
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		200,835.40

**BORREGO WATER DISTRICT  
CAPITAL BUDGET TO ACTUAL COMPARISONS  
FYE 2011**

DESCRIPTION OF ELEMENT/PROJECT	BUDGET FYE 2010	BUDGET FYE 2011	PREVIOUS YEAR BALANCE BR FWRD	Beginning Balance 2/1/2011	Monthly Activity February	Actual as of 2/28/2011	ACTUAL VS BUDGET
1712 - SUSTAINABLE WATER PROGRAM							
Total 1712 for FYE-10:	\$ 1,413,000	\$ -	\$ 626,301	\$ 812,253	\$ 17,315	\$ 829,568	58.71%
1714 - WATER DISTRIBUTION SYSTEM IMPROVEMENTS							
Total 1714 for FYE-11:	\$ 254,000	\$ 65,000	\$ -	\$ 27,004	\$ 4,096	\$ 31,100	47.85%
1715 - NEW PRODUCTION WELLS AND UPGRADES							
Total 1715 for FYE-11:	\$ 875,000	\$ 95,000	\$ -	\$ -	\$ -	\$ -	0.00%
1716 - NEW RESERVOIRS							
Total 1716 for FYE-10:	\$ 3,003,500	\$ -	\$ 270,341	\$ 287,253	\$ -	\$ 287,253	9.56%
1717 - SEWER SYSTEM IMPROVEMENTS							
Total 1717 for FYE-11:	\$ 584,000	\$ 496,000	\$ 101,533	\$ 559,701	\$ 6,568	\$ 566,270	114.17%
1718 - VEHICLES/ROLLING STOCK/FIELD EQUIPMENT							
Total 1718 for FYE-11:	\$ 56,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -	0.00%
1719 - BUILDINGS/STRUCTURES							
Total 1719 for FYE-11:	\$ 150,000	\$ 100,000	\$ -	\$ 7,401	\$ -	\$ 7,401	7.40%
1721 - DISTRICT FEE STUDY							
Total 1721 for FYE-11:	\$ 70,000	\$ 30,000	\$ -	\$ 12,366	\$ (12,366)	\$ -	0.00%
1722 - GROUNDWATER MANAGEMENT PROGRAM							
Total 1722 for FYE-11:	\$ 375,000	\$ 175,000	\$ 332,761	\$ 518,819	\$ 325	\$ 519,144	296.65%
TOTAL C.I.P. COSTS TO DATE:				\$ 15,939	\$ 2,240,736		

**02-SUSTAINABLE WATER PROGRAM  
FYE 2011  
ACCT #011712**

DATE	DESCRIPTION	20901 S.E. FEASIBILITY STUDY	20904 CLARK LAKE PROJECT CIP	CLARK LAKE PROJECT STAFF SUPPORT CIP	20905 S.E. TRANS LINE SURVEY CIP	S.E. TRANS LINE SURVEY STAFF SUPPORT CIP	20908 BOR BASIN PLAN/IRWMP REIMB BY GRANT	STAFF SUPPORT BOR BASIN PLAN/IRWMP REIMB BY GRANT	TOTALS
	BALANCE BROUGHT FORWARD-FYE 2010	\$ 89,122.53	\$ 293,493.19	\$ 73,388.24	\$ 56,716.59	\$ 58,851.66	\$ 25,062.50	\$ 29,666.69	\$ 626,301.40
07/30/10	Brian Polley Surveying-Clark Lake		10,315.73						10,315.73
07/30/10	Brian Polley Surveying-Clark Lake		6,102.48						6,102.48
07/30/10	William Mills Consulting-IRWM						3,125.00		3,125.00
08/24/10	William Mills Consulting-IRWM						6,062.50		6,062.50
08/31/10	William Mills Consulting-IRWM						7,187.50		7,187.50
09/30/10	William Mills Consulting-IRWM						10,562.50		10,562.50
09/30/10	Brian Polley Surveying-Clark Lake		142.50						142.50
09/30/10	Brian Polley Surveying-SE Extension				142.50				142.50
09/30/10	Brian Polley Surveying-Clark Lake		4,923.25						4,923.25
09/30/10	Record Staff time-Rolwing/Williamson						5,589.04		5,589.04
10/26/10	Brian Polley Surveying-Clark Lake		56,382.61						56,382.61
10/31/10	Eco Layers--IRWMP hosting						1,200.00		1,200.00
10/31/10	Stradling, Yocca, Carslon, Rauth--IRWMP						525.00		525.00
10/31/10	Record Staff time-Rolwing/Williamson						6,881.52		6,881.52
11/23/10	William Mills Consulting-IRWM						5,205.66		5,205.66
11/30/10	Record Staff time-Rolwing/Williamson						7,250.80		7,250.80
12/31/10	Brian Polley-Clark Lake		20,867.01						20,867.01
12/31/10	Brian Polley-Clark Lake		3,735.00						3,735.00
12/31/10	William Mills Consulting-IRWM						5,375.00		5,375.00
12/31/10	William Mills Consulting-IRWM						562.50		562.50
12/31/10	Record Staff time-Rolwing/Williamson						3,692.80		3,692.80
01/15/11	Record Staff time-Rolwing						923.20		923.20
01/31/11	Record Staff time-Rolwing						923.20		923.20
01/31/11	Brian Polley Surveying-Clark Lake		8,245.00						8,245.00
01/31/11	William Mills Consulting-IRWM						8,250.00		8,250.00
01/31/11	Eco Layers--IRWMP hosting						1,200.00		1,200.00
01/31/11	Balance Transfer from 01-2402						(171.00)		(171.00)
01/31/11	William Mill Consulting from 1723						750.00		750.00
02/15/11	Record Staff time-Rolwing						923.20		923.20
02/28/11	Record Staff time-Rolwing						923.20		923.20
02/28/11	Babcock & Sons-water samples		495.00						495.00
02/28/11	Brian Polley-Clark Lake		13,187.89						13,187.89
02/28/11	County of San Diego-Record Survey		1,786.00						1,786.00
		\$ 89,122.53	\$ 419,675.66	\$ 73,388.24	\$ 56,859.09	\$ 58,851.66	\$ 74,897.16	\$ 56,773.65	\$ 829,567.99
	TOTAL:								
	PROGRAM CAP FYE 2010:	\$ 200,000.00	\$ 265,611.76	\$ 73,388.24	\$ 150,000.00	\$ 89,000.00	\$ 425,000.00	\$ 75,000.00	\$ 1,278,000.00
	PROGRAM CAP FYE 2011:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	PROGRAM BALANCE TO DATE:	\$ 110,877.47	\$ (154,063.90)	\$ -	\$ 93,140.91	\$ 30,148.34	\$ 350,102.84	\$ 18,226.35	\$ 448,432.01

WATER DISTRIBUTION SYSTEM IMPROVEMENTS

FYE 2011

ACCT #1714

DATE	DESCRIPTION	40902 5 NEW FIRE HYDRANTS	40905 MONTEZUMA DR. PROJECT	TOTALS
				-
12/16/10	Grangettos Farm & Garden Supply-WO 68-10	-	153.99	153.99
12/31/10	Pacific Pipeline Supply-WO 68-10		10,744.50	10,744.50
12/31/10	Pacific Pipeline Supply-WO 68-10		2,244.60	2,244.60
12/31/10	Pacific Pipeline Supply-WO 68-10		10,689.47	10,689.47
01/31/11	Pacific Pipeline Supply-WO 68-10		3,171.15	3,171.15
02/15/11	Record Staff time-Montezuma pipeline-WO 68-10		4,096.32	4,096.32
				31,100.03
	TOTAL:	\$ -	\$ 31,100.03	\$ 31,100.03
				\$ -
	PROGRAM CAP 2011:	\$ 15,000.00	\$ 50,000.00	\$ 65,000.00
				\$ -
	PROGRAM BALANCE TO DATE:	\$ 15,000.00	\$ 18,899.97	\$ 33,899.97

NEW RESERVOIRS

FYE 2011

ACCT #1716

DATE	DESCRIPTION	60901 WILCOX RESERVOIR	Staff Support WILCOX RESERVOIR	60902 RESERVOIR 1000' ELEVATION	Staff Support RESERVOIR 1000' ELEVATION	6090500 INDIANHEAD TANK	Staff Support INDIANHEAD TANK	TOTALS
	BALANCE BROUGHT FORWARD-FYE 2010	\$ 141,864.75	\$ 14,546.98	\$ 11,883.02	\$ 2,229.17	\$ 90,900.29	\$ 8,916.72	\$ 270,340.93
07/30/10	Brian Polley Surveying-Wilcox	2,407.50						\$ 2,407.50
07/30/10	Brian Polley Surveying-Wilcox	237.50						\$ 237.50
07/30/10	Brian Polley Surveying-Indian Head					2,902.50		\$ 2,902.50
09/30/10	Brian Polley Surveying-Indian Head					47.50		\$ 47.50
09/30/10	Brian Polley Surveying-Indian Head					2,707.50		\$ 2,707.50
09/30/10	Brian Polley Surveying-Wilcox	1,350.00						\$ 1,350.00
09/30/10	Brian Polley Surveying-Wilcox	7,212.00						\$ 7,212.00
09/30/10	Brian Polley Surveying-Reservoir elevation			47.50				\$ 47.50
								\$ -
								287,252.93
	TOTAL:	\$ 153,071.75	\$ 14,546.98	\$ 11,930.52	\$ 2,229.17	\$ 96,557.79	\$ 8,916.72	\$ 287,252.93
								\$ -
	PROGRAM CAP 2010:	\$ 135,453.02	\$ 14,546.98	\$ 2,497,770.83	\$ 2,229.17	\$ 291,083.28	\$ 8,916.72	\$ 2,950,000.00
	PROGRAM CAP 2011:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	PROGRAM BALANCE TO DATE:	\$ (17,618.73)	\$ -	\$ 2,485,840.31	\$ -	\$ 194,525.49	\$ -	\$ 2,662,747.07

# 07-SEWER SYSTEM IMPROVEMENTS

FYE 2011

ACCT #1717

DATE	DESCRIPTION	709003 ENGINEERING NEW LIFT STATION	709005 ENGINEERING NEW LIFT STATION Staff Support	709004 NEW LIFT STATION CONSTRUCT	TOTALS
	BALANCE BROUGHT FORWARD-FYE 2010	\$ 47,270.29	\$ 15,955.84	\$ 38,307.24	\$ 101,533.37
					-
07/30/10	MSA Consulting-Lift Station			540.00	540.00
07/30/10	MSA Consulting-Lift Station			2,250.00	2,250.00
08/24/10	County of SD-permits for lift station			1,095.48	1,095.48
08/24/10	Earth Systems Southwest-Professional Services @ lift station			3,339.00	3,339.00
08/24/10	TC Construction-Lift station			54,917.28	54,917.28
08/31/10	Earth Systems Southwest-Professional Services @ lift station			8,742.00	8,742.00
08/31/10	MSA Consulting-Lift Station			3,943.15	3,943.15
09/22/10	County of SD-permits for lift station			3,009.24	3,009.24
09/22/10	Borrego Electric-Lift Station			613.50	613.50
09/22/10	MSA Consulting-Lift Station			1,933.20	1,933.20
09/30/10	Earth Systems Southwest-Professional Services @ lift station			2,613.00	2,613.00
09/30/10	TC Construction-Lift station			65,867.40	65,867.40
10/31/10	Earth Systems Southwest-Professional Services @ lift station			6,550.00	6,550.00
10/31/10	County of SD-permits for lift station			1,193.80	1,193.80
10/31/10	MSA Consulting-Lift Station			3,045.60	3,045.60
10/31/10	TC Construction-Lift station			160,442.90	160,442.90
11/23/10	County of SD-permits for lift station			635.66	635.66
12/31/10	MSA Consulting-Lift Station			3,800.00	3,800.00
12/31/10	MSA Consulting-Lift Station			757.95	757.95
12/31/10	TC Construction-Lift station			27,637.20	27,637.20
12/31/10	TC Construction-Lift station			84,926.55	84,926.55
01/31/11	Bay City Works			1,494.75	1,494.75
01/31/11	MSA Consulting-Lift Station			3,390.00	3,390.00
01/31/11	MSA Consulting-Lift Station			1,591.21	1,591.21
01/31/11	MSA Consulting-Lift Station			2,600.00	2,600.00
01/31/11	Earth Systems Southwest-Professional Services @ lift station			1,495.00	1,495.00
01/31/11	MSA Consulting-Lift Station			4,750.00	4,750.00
01/31/11	TC Construction-Lift station			4,994.10	4,994.10
02/28/11	TC Construction-Lift station			3,968.44	3,968.44
02/28/11	MSA Consulting-Lift Station			2,600.00	2,600.00
					566,269.78
	TOTAL:	\$ 47,270.29	\$ 15,955.84	\$ 503,043.65	566,269.78
					\$ -
	PROGRAM CAP 2011:	\$ -	\$ -	\$ 496,000.00	\$ 496,000.00
					\$ -
	PROGRAM BALANCE TO DATE:			\$ (7,043.65)	(7,043.65)

# 09-BUILDINGS/STRUCTURES

FYE 2011

ACCT #1719

DATE	DESCRIPTION	Replacement of Well Houses	Stirrup Property upgrades	TOTALS
08/31/10	Home Depot-Booster Station 1 building materials	987.51		987.51
08/31/10	Labor to build houses-DEPriest	2,000.00		2,000.00
09/15/10	Labor to build houses-DEPriest	1,925.00		1,925.00
09/30/10	Labor to build houses-DEPriest	1,400.00		1,400.00
10/15/10	Labor to build houses-DEPriest	800.00		800.00
10/31/10	Hunsinger Electric	288.00		288.00
				-
				-
				7,400.51
	TOTAL:	\$ 7,400.51	\$ -	7,400.51
				\$ -
	PROGRAM CAP 2011:	\$ 75,000.00	\$ 25,000.00	\$ 100,000
				\$ -
	PROGRAM BALANCE TO DATE:	\$ 67,599.49	\$ 25,000.00	\$ 92,599.49

**11-GROUNDWATER MANAGEMENT PROGRAM**

**FYE 2011**

**ACCT #011722**

DATE	DESCRIPTION	110901 USGS GROUNDWATER BASIN STUDY	Viking Following Projects	Viking Following Projects STAFF TIME	Cocopa Following Projects	Cocopa Following Projects STAFF TIME	TOTALS
	BALANCE BROUGHT FORWARD-FYE 2010	\$ 329,989.91	\$ 2,771.50				\$ 332,761.41
08/31/10	USGS study	4,604.00					\$ 4,604.00
09/15/10	Record Staff Time-Williamson	1,601.10		800.55		800.55	\$ 3,202.20
09/15/10	Transfer Staff time to 1712-IRWMP	(1,601.10)					\$ (1,601.10)
09/30/10	Record Staff Time-Williamson	3,987.94		978.45		978.45	\$ 5,944.84
09/30/10	Transfer Staff time to 1712-IRWMP	(3,987.94)					\$ (3,987.94)
10/15/10	Record Staff Time-Williamson	3,256.12		889.50		889.50	\$ 5,035.12
10/15/10	Transfer Staff time to 1712-IRWMP	(3,256.12)					\$ (3,256.12)
10/31/10	Record Staff Time-Rolwing/Williamson	3,625.40		889.50		889.50	\$ 5,404.40
10/31/10	Transfer Staff time to 1712-IRWMP	(3,625.40)					\$ (3,625.40)
10/31/10	Stradling, Yocca, Carlson, Rauth		3,380.00				\$ 3,380.00
11/15/10	Record Staff Time-Rolwing/Williamson	3,625.40		889.50		889.50	\$ 5,404.40
11/15/10	Transfer Staff time to 1712-IRWMP	(3,625.40)					\$ (3,625.40)
11/29/10	Wire Transfer to First American Title-Cocopah Escrow				150,000.00		\$ 150,000.00
11/30/10	Stradling, Yocca, Carlson, Rauth		3,717.50				\$ 3,717.50
11/30/10	Record Staff Time-Rolwing/Williamson	3,625.40		889.50		889.50	\$ 5,404.40
11/30/10	Transfer Staff time to 1712-IRWMP	(3,625.40)					\$ (3,625.40)
11/30/10	Stradling, Yocca, Carlson, Rauth		1,457.50		12,225.00		\$ 13,682.50
02/28/11	Stradling, Yocca, Carlson, Rauth		225.00		100.00		\$ 325.00
							519,144.41
	TOTAL	\$ 334,593.91	\$ 11,551.50	\$ 5,337.00	\$ 162,325.00	\$ 5,337.00	\$ 519,144.41
	PROGRAM CAP 2011	\$ 100,000.00	\$ 69,663.00	\$ 5,337.00			\$ 175,000.00
							\$ -
	PROGRAM BALANCE TO DATE	\$ 95,396.00	\$ 60,883.00	\$ -	\$ (162,325.00)	\$ (5,337.00)	\$ (6,046.00)

Statement of Cash Position - BWD as of 02/28/11

Cash on Hand as of 02/28/11	\$736,639
Less: FY'11 Cash Obligations not in budget	
Lift Station	\$110,955
Manhole replacements	\$0
ID1-10 Pump rewind	\$0
Brian Polley	\$0
Viking Ranch Purchase - Execution	\$25,000
Viking Ranch Purchase - Closing	\$50,000
Club Circle Golf Course (estimated loses)	\$0
Montesoro Well Purchase (due July 1, 2011)	\$70,000
USGS Study	\$65,750
Integrated Regional Water Management Plan	\$15,000
STAG Grant	\$3,500
Disatrick Rate Fee Study	\$30,000
BWD Operations Study	\$3,000
Montezuma Pipeline Replacement	\$13,000
Land purchases legal expenses	\$20,000
 Total FY'11 Cash Obligations as of 02/28/11	 \$406,205
 Cash on Hand Less Total Cash Obligations for FY'11	 \$330,434
 Cash Available from Operations thru June 30, 2011 (including Montesoro Availability Charge income of \$284,378 and Club Circle Golf Course loss of \$49,317)	 \$402,619
 Estimated Unrestricted Cash on Hand at Year End June 30, 2011	 \$733,053

## **Borrego Water District Management/Operations Report – March 2011**

*By: Jerry Rolwing*

### **BOARD REQUEST**

At the January Board meeting I was instructed to see if we could get an \$800K line of credit through one of the banks we currently utilize. The banks are Wells Fargo, Borrego Springs Bank and US Bank. US Bank was the only one that did not say "no" immediately. Unfortunately they eventually declined as well. When I enquired about a lesser amount the answer was the same.

### **FEDERAL LEVEL**

U.S. Geological Survey: On Friday March 4th I attended a meeting with Jim Rickard, John Peterson and Jack Laughlin of Borrego Springs to meet with Peter Martin and Claudia Faunt of the USGS. The premise of the meeting was to discuss the USGS study and the upcoming presentation at the annual Town Hall Meeting. Minutes and other details will be covered in the Board meeting.

U.S. Department of Reclamation: Received an email from Jack Simes stating that the MOU was presently being approved and will be sent shortly. If it arrives prior to the meeting, I will hand out at that time.

State and Tribal Assistance Grant (STAG): Kim Pitman, Bill and I had a conference call with Kevin Ryan of the EPA, the administrator of our grant. The attached draft report (attached A) and supporting documents has been submitted to Mr. Ryan for comment.

### **STATE LEVEL**

Department of Water Resources (DWR): Dr. Tim Ross will be presenting well monitoring and water table data at the Town Hall Meeting March 30th. I have been compiling and sending data to Jenifer Wong for the geographical information system (GIS) that the DWR has agreed to build for our IRWM. Received notice that our application for a State provided facilitator has been approved and they will be contacting me with the details. The request for technical assistance is still held up by department guidelines process review.

Received notice from the CASGEM (groundwater elevation monitoring/reporting) administrator that the reporting software will be available on May 15th to submit our monitoring plan, due this summer.

### **COUNTY LEVEL**

At the Board workshop on March 15th, we had a call in by Jim Bennett of the Dept. of Planning and Land Use (DPLU) staff and is the County hydrogeologist. Also on the call were Joe Farace, planning manager and Heather Steven a staff planner. Jim discussed the County's plan to revise their groundwater ordinance to assist us in the overdraft situation. They will meet next week to outline the process and send us a briefing.

## **LOCAL LEVEL**

On Saturday March 5<sup>th</sup> I had two water conservation/information booths, one for the ABDNHA Native Plant Sale and one for the Heath Fair held across the street in Christmas Circle. Later that day I presented an irrigation seminar for the Native Plant folks and attempted to answer questions posed by the attendees.

## **DISTRICT LEVEL**

The District experienced two separate computer system challenges on Monday February 28th and Monday March 14th. The first was an internet modem failure which took three days for AT&T service to respond. The second was a switch box on the local network that was solved by our in-house IT person, Greg Holloway. All systems are up and running now.

On Tuesday March 1st we had a "walk through" of the new wastewater lift station with TC Construction and MSA Consulting Engineers. A "punch list" was created to finalize the project. The new station began pumping on February 18th. The remaining task of abandoning the old station is in progress.

I attended a free finance workshop on March 9th and 10th in El Centro, hosted by the North American Development Bank through the Utility Management Institute. This workshop was facilitated through the County of Imperial, Department of Economic Development. The class discussed how to prepare budgets and rate studies. In addition to the class work, they also had a "hand on" segment to enhance the understanding level of the audience.

On Friday March 11th the USGS Community Support Group to discuss the previous Friday meeting with the USGS. In addition to the attendees from last Friday, also present was Mark Jorgensen and Director Lyle Brecht.

On Tuesday March 15th we held a Board Workshop/Special Board meeting followed by a Strategic Planning Committee meeting to address the Viking Ranch deal. On Wednesday March 16th I met with Dr. Brian Brady in Escondido to discuss District operations. He will follow up with a visit to the District next week. Dr. Brady has been engaged to review District staffing and O & M Budget items.

One of the customers in the Casitas neighborhood of Rams Hill encountered a sewer blockage that was assessed to be in the District's easement. A contractor (actually it took three) was hired at District expense to find the problem. The problem has been resolved at a cost of \$6,400. The customer also asked to be reimbursed for a hotel stay during the repair which I asked him to write a letter to the Board for that action.

On Thursday March 17th had a telephone conversation with Steve Candido of Nuveen Investments to discuss the future of sustainable water in the Borrego Valley. Nuveen holds the Montesorro Mello Roos bonds and they are presently in negotiations with an investment group, AHVA Properties, to purchase the project.

## **Task D 1: SURVEY AND DESIGN DRAWINGS FOR TRANSMISSION LINE TO CLARK LAKE**

### **Accomplishments<sup>1</sup>:**

Clark Lake Pipeline and Site Survey: (a) Survey and Design Drafting Assistance (including aerial photogrammetry) of approximately 33,000 lineal feet of water transmission main from Borrego Airport to the 240 acre site owned by BWD, including Plan and Profile Sheets ready for sealing by District Engineer. (b) Survey and record a Record of Survey Map for the 240 acre parcel owned by BWD.

North Clark Lake Surveying, Easements and Design: (a) Survey and file a Record of Survey for the 5-acre property owned North of Clark Dry Lake. (b) Topographic, vertical and horizontal control surveying of 29,000 lineal feet of existing traveled dirt road from S22 to the aforementioned 5 acre parcel. (c) Preparation of easement documents for lands traversed by the access/pipeline easement 23.

### **Description of Task from the Scope of Work (7-26-10):**

Study Element D – Pipeline from Borrego Springs to Clark Lake Aquifer

#### Task D1 – Identify alignment for transmission line from Borrego Springs to Clark Lake –

One of the closest areas that may yield additional water supply to the Borrego Springs area is the area to the Northeast known as Clark Dry Lake (“Clark Lake”) Water samples from the northern side of the lake show that the water quality of the area is suitable for drinking water, and well pumping rates are the subject of another possible grant to address the amount of water that is available. However, the first task, as identified herein, is to delineate the best route to obtain the water through alternative routes to the north side of the lake, and perform preliminary designs of the selected route.

### **Deliverables:**

A memorandum report relative to right-of-way issues, and preliminary survey and design drawings for the transmission main. Note – A memorandum report was considered unnecessary to complete the design drawings. Design drawings are included in Attachment: *SE Transmission Sheets 01-12-9-23-10 pdf*. While this is not for the Clark Lake pipeline, we can generate a pdf of that line. Alternately, we can provide a CD with these designs.

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<sup>1</sup> Report to Board of Directors presented at BWD Board Meeting of November 23, 2010 (Attachment *Williamson Report to Board Nov 2010 pdf*)

**Expenditures<sup>2</sup>:**

TASK D I	SURVEY AND DESIGN DRAWINGS FOR TRANSMISSION LINE TO CLARK LAKE
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**CLARK LAKE - SEMIANNUAL REPORT NO. 1 6-1-09 TO 11-30-09**

DATE	SURVEY AND DESIGN DRAWINGS FOR TRANSMISSION LINE TO CLARK LAKE	INVOICE PAYMENTS	BWD STAFF SUPPORT
06/15/09	Record District Staff Support	\$ 1,608.18	
06/26/09	Brian Polley Land Surveying	\$ 4,315.00	
06/29/09	Brian Polley Land Surveying-Research Map Record	\$ 480.00	
06/30/09	Record District Staff Support		\$ 840.14
07/15/09	Record Staff Time-07/15/09		\$ 2,520.43
07/28/09	Brian Polley Land Surveying	\$ 595.00	
07/28/09	Brian Polley Land Surveying	\$ 407.50	
07/31/09	Record Staff Time-07/31/09		\$ 1,260.21
07/31/09	Brian Polley Land Surveying	\$ 145.00	
07/31/09	Bill Mills & Assoc	\$ 812.50	
07/31/09	Record Staff Time-July		\$ 10,089.14
08/15/09	Record Staff Time-08/15/09		\$ 4,907.37
08/17/09	Brian Polley Land Surveying	\$ 108.75	
08/17/09	Brian Polley Land Surveying-Reservoir Tank site	\$ 15,952.99	
08/31/09	Brian Polley Land Surveying-Rockhouse Truck Trail	\$ 290.00	
08/31/09	District Staff Support-08/31/09		\$ 2,694.34
09/15/09	District Staff Support-09/15/09		\$ 3,708.34
09/30/09	District Staff Support-09/30/09		\$ 3,708.34
10/31/09	Record Staff Time-10/31/09		\$ 3,708.34
11/15/09	Record Staff Time-11/15/09		\$ 3,708.34
11/30/09	Record Staff Time-11/30/09		\$ 3,708.34
11/30/09	William Mills	\$ 875.00	
	TOTAL	\$ 25,589.92	\$ 40,853.33
			\$ 66,443.25

<sup>2</sup> Excreted from BWD document entitled SUSTAINABLE WATER PROGRAM (Attachment: *Borrego WD Capital Expenditures 2008-2011 pdf*)

## From Utility Management Institute: Reserve Funds

### Operations and maintenance (O&M)

90-days cushion against short-term cash flow shortfalls in revenues

### Renewal & Replacement (Depreciation Reserve)

8% of fixed assets value - water

10% of fixed assets value - sewer

### Emergency

to cover unexpected, potentially major catastrophes

should be viewed as part of insurance program that assesses risk, probability

\$1,000,000 minimum value

### Debt Service (principal & interest)

Minimum 6 months of principal and interest on current debt

### Rate Stabilization

Used to help level out future rate adjustments

Based on historical variability in revenues over past five years

Include enough cash reserves to pay for O&M in 3 successive wet years

### Cash Flow: Debt Service Coverage

used to set minimum cash-requirements budget

$$\frac{[\text{Cash operating revenues} - (\text{O\&M system costs} + \text{taxes})]}{\text{total annual debt service (principal \& interest)}}$$

# **Anza Borrego Desert Integrated Regional Water Management September 2010**

## **1.0 Background Section**

### **History of Region**

At first glance, proximity to Anza-Borrego Desert State Park seems to be the only piece of the puzzle shared by all members forming the Integrated Regional Water Management group that bears the giant park's name. However, the small, unincorporated communities now seeking a planning grant to assist in creating the new IRWMP are united also by the fact that their groundwater drains toward the Colorado River. Furthermore, they have similar problems with water supply – isolated locations; small populations; reliance on a source of groundwater that is diminishing or endangered; inadequate and outdated infrastructure to deliver and store water; and lack of resources to fund solutions. A case in point is the central piece of the puzzle, Borrego Springs, which is located in the middle of Anza-Borrego Desert State. It's 50 miles in any direction to the desert community's nearest neighbors. That fact has been the town's salvation by keeping rampant development at bay, but also forms its biggest challenge as the area addresses a significant overdrafting of the underground aquifer that is the valley's only source of water.

The valley's earliest human inhabitants, the Kumeyaay and Cahuilla Indians, had minimal water needs. Establishing their villages in canyons with easy access to streams and plentiful supplies of food staples like mesquite, chia and agave, the tribes annually moved up into the surrounding mountains to follow the harvest and escape summer heat. As winter neared, they reversed the process. That harmonious situation began to change with the discovery of the valley by European explorers. A Spaniard, Juan Bautista de Anza, first laid eyes on the area in 1774 while scouting a land route to northern California. He returned the following year with a colonizing party that traveled to the coast and northward to establish San Francisco.

After de Anza put the Borrego Valley on the map, word spread very slowly about the area that offers three long seasons of mild temperatures, surrounding a scorching summer. A few hardy souls ventured into the area to homestead or run cattle, but through the 1920s they amounted to only a handful. Without telephone service or paved roads, they lived lives of isolation, save for their neighbors. While a resourceful lot, they also depended on other residents for help when needed. A small enclave near the Borrego Sink became the hub for the tiny community of Borego Springs (spelled with one "r" in those days). Its post office, gas station and store that opened in 1928 were the first commercial buildings. Soon a branch of the county library was added. With families comprising much of the population, a one-room schoolhouse was built and a teacher hired. The hard times of the Depression in the 1930s attracted more homesteaders and farmers; they sank wells and found water plentiful and close to the surface. That resource enabled them to scratch out a living, although they had to travel for days through the desert on dirt roads to take their harvest to market or obtain supplies. Early farming was

difficult, at best. Extreme heat, high winds, occasionally violent rainstorms and associated flooding, kept the back county area from becoming a thriving economic region.

A paradigm shift occurred in the late 1930s when major agricultural interests realized that their crops would ripen in Borrego's mild climate before those grown elsewhere. They could be first to reach market and thus command top dollar. The Di Giorgio and Burnand families began purchasing large portions of the valley from the railroads and early homesteaders. Major wells were sunk, watering crops of cotton, vegetables, grapes, dates and even gladiolas. Cattle, hogs and turkeys were among livestock raised. Electrical service came to the valley in 1945, but the first paved road didn't arrive until 1949. Water usage skyrocketed and began to exceed annual recharge, creating up an overdraft that continues to this day. A.A. Burnand Jr. also had a vision of the Borrego Valley as a "desert playground," featuring recreation and modern homes as well as agriculture. In 1946 the San Diego County Board of Supervisors approved the first subdivision map in the valley.

The state park has been a part of Borrego since the early 1930s, when both Borrego Palms Desert State Park and Anza State Park were founded in the area. The two state parks merged in 1957 and the name was changed to Anza-Borrego Desert State Park. It now encompasses more than 600,000 acres and makes up 70 percent of the Anza-Borrego Desert IRWM area. More than a million people a year visit ABDSP that is the second largest state park in the nation. Ocotillo Wells State Vehicular Recreation Area adjoins ABDSP and 50,000 off-road enthusiasts annually take advantage of its 80,000 acres of off-road terrain.

Resorts sprang up and attempts to create the area's first golf course finally bore fruit with the start of de Anza Country Club in 1955. Water usage continued to climb. Grapes have not been the primary crop since 1968; citrus has taken the top spot in local agriculture. Five golf courses stay green with water from the aquifer. About 3,000 residents, including many seasonal "snowbirds," also have their water needs met from the aquifer. The valley currently uses 20,000 acre-feet of water, with recharge from rainfall and runoff amounting to only 4,000 acre-feet annually.

Today the basin's water-levels are dropping at a rate of three feet per year and a recent announcement by the U.S. Geological Survey suggests that the upper aquifer, the most prolific of the three known aquifers, could be depleted in the next 50 years. Even the surrounding desert and Anza-Borrego Desert State Park are affected by the water decline. The decline of the mesquite trees in the Borrego Sink is one indication that effect is taking place. The future of the entire IRWM area depends on adequate water. The question is how best to ensure it. This planning grant would be a big step in that direction.

## **1.1 The Regional Water Management Group**

The Anza Borrego Desert (ABD) IRWM Region was established as a result of the RAP. Initially, it was proposed that an area generally encompassing the Borrego Valley in the Colorado River Basin hydrologic unit in northern San Diego county area become an IRWM Region. This initial proposal was conceived primarily because of the general remoteness of the Borrego Valley within the Region of San Diego County located east of the Peninsular Range. Water management issues east of the Range are entirely local as no water supply agency exists to oversee this area's water needs in contrast to the area west of the Range where the San Diego County Water Authority (SDCWA) has Regional water supply authority. Further, the Region is sparsely populated, with the Borrego Valley (Borrego Springs Community) being the largest population center.

The Borrego Valley area contains the only significant alluvial groundwater basin east of the Range. The Borrego Valley aquifer has provided sufficient water to develop a large agricultural economy and a moderate residential and recreational base. The area is also widely known for its annual 'wild flowers' display which attracts as much as 500,000 visitors in years when the wild flows are abundant. Unfortunately, the main water producing aquifer of the Borrego Valley Basin is in a serious state of overdraft, with a limited useful life of about 50 years. The overdraft is estimated at about 4 to 5 times the natural yield of the basin.

The overdraft and the resultant lowering of groundwater levels have lead to conflicts between the residential community and the growers. Adding to the mix is that the BS Community is entirely surrounded by the ABD State Park. The continuing over extractions has deprived native flora and fauna of on the periphery of the groundwater basin.

To help resolve the overdraft situation, various stakeholders in the Valley in 2000 began working with the BWD to provide input and suggestions to BWD as part of the development of the Groundwater Management Plan in 2002.

At the suggestion of DWR during the RAP, it was proposed to enlarge the Borrego Valley Region to include all areas within San Diego County east of the Peninsular Range and south of Borrego Valley to the border with Mexico. This enlargement created a Region that almost wholly encompasses the ABD State Park. The enlarged Region increased the water supply districts from one to four and the number of domestic water supply connections from 2,000 to 3,000. The three additional communities obtain their water supply from local fractured rock aquifers with unknown sustainable yields. But all four water suppliers are remote from each other, thus making it difficult to conceive of a 'Regional' water supply solution. This created a significant challenge for the IRWM process.

To comply with the IRWM requirements, a Regional Water Management Group was formed to implement the process. Three local agencies comprise the RWMG; the BWD, the County of San Diego and the Resource Conservation District of Greater San Diego County (RCD). While the BWD only has authority in the northern portion of the Region, both the County and RCD have authorities in the entire Region.

The BWD role in the process is that of a water supply and groundwater management agency of the Region's largest water supply source. The County has also been involved in the water management process in the Borrego Valley collection of annual groundwater level data and the development of land use restrictions that prevent

an increase in the overdraft of the aquifer. They also monitor groundwater levels in the remaining areas of the Region. The RCD brings important expertise to the RWMG in the areas of soil and water conservation and the removal of exotic flora species. The following is a description of the composition of the ABD RWMG.

**The Borrego Water District:** The Borrego Water District (BWD) was established in 1962 as a California water district. The District provides water, sewer, and flood control and gnat abatement for areas in the unincorporated community of Borrego Springs. Additionally, the District adopted a groundwater management plan under Assembly Bill 3030 in 2002 and obtained the authority of a groundwater replenishment district.

**The County of San Diego:** The County is charged with providing flood protection throughout the unincorporated areas of the county. However, the BWD has responsibilities for flood control in its Improvement District #1.

The County of San Diego has regulatory control over land uses. Developers must obtain permits from the Department of Planning and Land Use (DPLU) to develop land in the Borrego Valley.

**The Resource Conservation District of Greater San Diego County (RCD):** The RCD is an independent, non-enterprise (local government) special district. Its purpose is to promote and provide conservation education, to conduct research, and to advise and assist other public agencies and private individuals in the areas of land-use planning, soil and water conservation, wildlife habitat enhancement and restoration, control of exotic plant species, and watershed restoration.

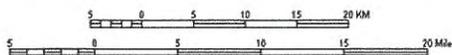
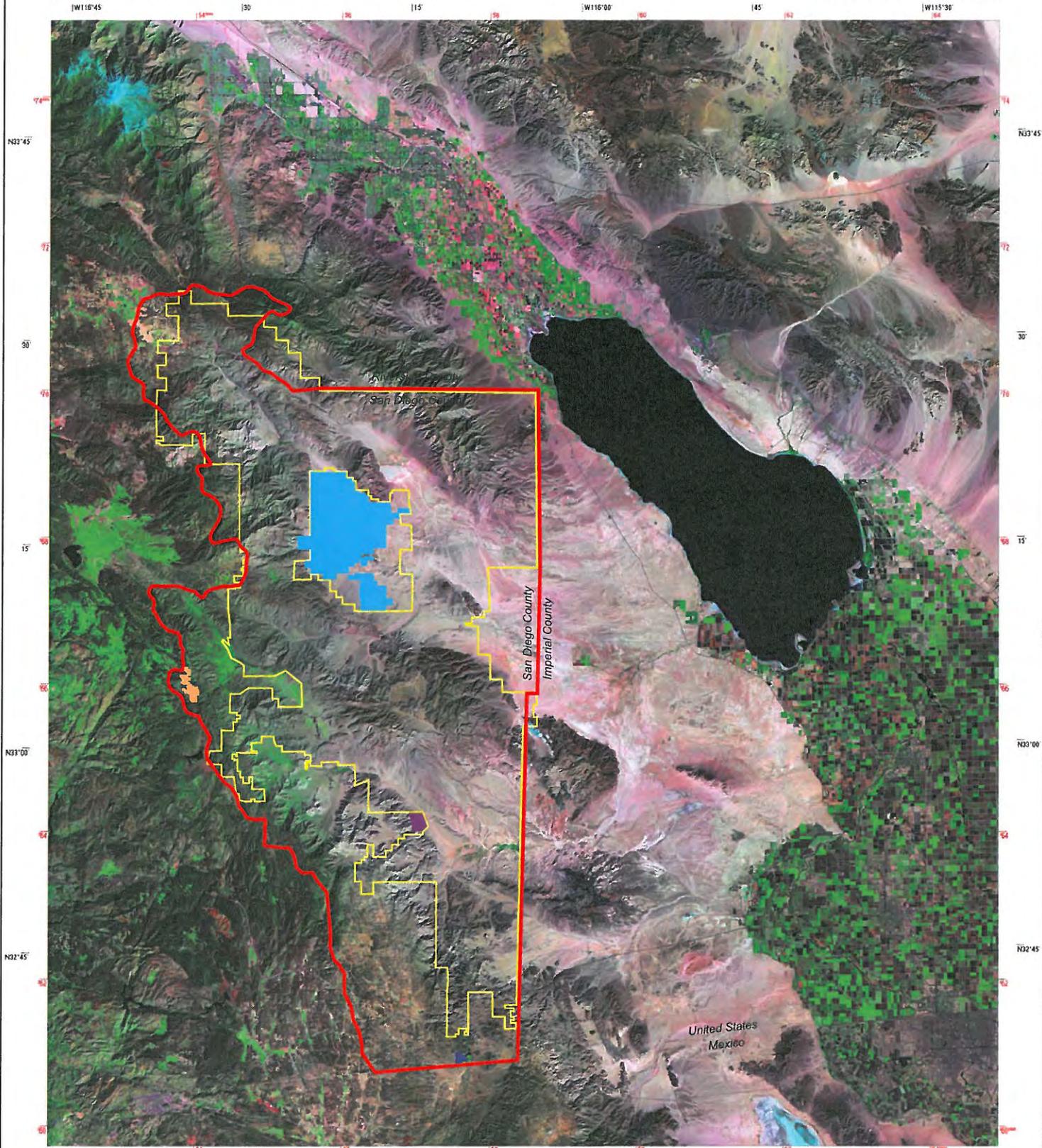
## 1.2 The Region

The Anza Borrego Desert Region is located in the Lower Colorado River Hydrologic unit. This 850,000 acre Region is almost entirely in the County of San Diego, with a small area in southern Riverside County. The Region is bounded on the east by Imperial County; on the south by Mexico; on the west by the Peninsular Range and on the north by Riverside County, except for that portion of the Coyote Creek watershed that extends into the county. Figure 1-1 (attached) provides a spatial rendering of the Region and key features.

The topography of Region has a major effect on meteorology, hydrology, soils, vegetative communities, wildlife habitat use, and human use patterns of the Region. Elevations range from a few feet above sea level to over 6,000 feet the granitic Peninsular Range. Deep canyons on the eastern slopes of the Range, some with perennial water, support native California fan palms. Alluvial fans extend from the canyon mouths. The Region is an active seismic area. The landscape shows many elongated ridges and valleys which trend northwest–southeast along the scores of active faults, in the zone where the North American Plate clashes with the Pacific Plate.

Topographically enclosed drainage basins contain interior valleys with no outlets are common. The eastern portion of the Region is made up of ancient sea bottom, shoreline, marsh, and inland lake deposits. Mountain masses are scattered throughout the Region and are thought to be related to the Peninsular Range and made of the same parent rock.

# Borrego Water District



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Grid Convergence  
0 deg 30 min  
for center of sheet

Transverse Mercator Projection  
Zone 11 WGS 1984  
20000 meter TM grid ticks in red

- LEGEND**
- INTEGRATED REGIONAL WATER MANAGEMENT BOUNDARY
  - ANZA-BORREGO DESERT STATE PARK BOUNDARY
  - BORREGO WATER DISTRICT
  - CANEBRAKE WATER DISTRICT
  - JACUMBA C.S.D.
  - MAJESTIC PINES C.S.D.

Borrego Water District  
ANZA BORREGO DESERT  
INTEGRATED WATER MANAGEMENT REGION  
Imperial, San Diego and Riverside Counties, California

Annual precipitation is sparse and variable throughout the Region ranging from 2 to 6 inches at stations on the desert floor, but occasional flash flooding associated with a Monsoon Season can bring torrential rainfall and destructive flooding.

The Region experiences mild temperatures in the winter months and hot temperatures in the summer. In a typical year (*Borrego Desert Park Station*), monthly extreme high temperatures go over 85° F (29° C) as early as March, and are routinely over 100° F (38° C) by May. From June through September, the monthly extreme high temperatures will routinely exceed 110° F (43° C). Not until November, will monthly maximum temperatures stay consistently below 100° F.

**1.2.1 Land Ownership in the Region**

- The Anza Borrego State Park occupies about 70% of the Region.
- Forest Lands 5%
- Bureau of Land Management 10%
- Private Lands 10%
- Other 5%

**1.2.2 Drinking Water Systems and Use**

Four communities (two of which have opted not to participate in the IRWM process) with organized water delivery system are located within the Region. These have a total of about 3,000 service connections, primarily residential with a total water use of about 3,000 afy. Only the Borrego Springs community is expected to experience future growth but that growth is expected to be supported by reduction in agricultural water use.

<u>Water Purveyor</u>	<u>No. Connections</u>
Borrego WD	2,125
Canebrake CWD	78
Jacumba CSD	234
Majestic Pines CSD	684

**1.2.3 Other Water Uses**

The most significant water use in the Region is for agricultural and recreational use in the Borrego Valley area. These uses are currently about 20,000 afy and are not expected to increase in the future.

**1.2.4 Wastewater Treatment Facilities**

Domestic and commercial sewage is typically disposed of through septic tanks, leach fields or pits throughout the Region, except in some locations in Borrego Springs and Julian areas where treatment facilities control the wastewater.

**1.2.5 Flood Control Responsibilities**

The San Diego County Flood Control District is responsible for flood control in the entire Region, with the exception of a small area in the Borrego Valley, known as the Improvement District No. 1 of the BWD.

### **1.2.6 Land Use Regulatory Agencies**

As the Region is comprised mainly of federal and state lands; nearly all of the Region land uses are under the jurisdiction either State or Federal government, while Indian Tribal lands are jointly managed by the individual tribes and the Bureau of Indian Affairs.

The remaining privately held lands are regulated by the County of San Diego, Department of Planning and Land Use as there are no incorporated municipalities in the Region.

### **1.2.7 Ecological Process and Environmental Resources**

The Anza-Borrego Desert State Park General Plan and Environmental Impact Report (2005) contains substantial amounts of information about the Park's biological and environmental resources. The Report describes the many and varied flora and fauna species that occupy the relatively desert floor and mountain regions of the Park. Presumably, the area of the Region not included in the Park is similar to the Park characteristics.

## **1.5 Identification of DAC and their Inclusion in the Process**

A review of the 2000 Census (factfinder) showed that the Borrego Valley's Median Household Income is less than 80% of the State wide average. Since the 2000 census does not provide a geographic breakdown of areas within the census tract, it was not possible to identify a specific area of the Borrego Springs community as 'disadvantaged'.

2000 Census data was also queried for the Canebrake CWD. The Median Household Income for the blocks comprising this water agency showed a 2000 census MHI greater than 80% of the State wide average. Since the other two water agencies declined to participate in the IRWM process, their MHI was not determined.

Since the entire community of Borrego Springs is considered disadvantaged, and the public members of that community, local NGOs and non-profits were participants in the Stakeholders Committee, the Borrego Valley DAC was engaged. To further engage the community, the agendas and the results of all Stakeholder meetings were published in the Borrego Sun as well as shown on the BWD website. Thus, residents of the Borrego Valley DAC were kept informed of the process.

### **1.2.8 Climate Change Impacts**

Available information on climate change suggests two impacts for the Region: (1) The DWR Climatologist predicts that climate change would result in less mountain block recharge thus impacting the long-term support for Regional aquifers and that (2) annual runoff would become more variable and with greater extremes.

The RWMG does not have knowledge of a climate change model for the Region; however, the California Department of Water Resources (CDWR) produced a special

report<sup>1</sup> that utilized several climate change models that would appear to be useful to assess future changes in water resources in the Region. That report shows that a large Region, including the ABD Region, is predicted to decrease in annual runoff of between a negative 10 and 20 percent for the period 2014-2060. This prediction was confirmed by more than 90% of the models.

Thus, these climate changes could have a significant impact on the limited precipitation and runoff available within the Region. For example, it is estimated that the historic available recharge to the Borrego Valley aquifer is about 4,000 afy. A 400-800 afy decrease in this supply would increase the overdraft of the aquifer and shorten its useful life. Other communities in the Region depend on extracting groundwater from fractured mountain block rocks, which are normally difficult to recharge and would become more so if the rainfall and runoff were not only reduced but become more extreme and variable in its occurrence. These communities area already extracting the maximum yield from these sources.

### **1.2.9 Water Quality Conditions**

The quality of the extracted groundwater's by the BWD in the Borrego Valley Basin vary from around 300 mg/L to 700 mg/L (TDS). Most of the water has Nitrate concentrations in the lowest quartile of the drinking water standard. Very little data has been obtained from the area of the basin intensively used by agriculture. A few samples have been obtained but are not sufficient to draw conclusions about the entire area, but these do show elevated TDS and Nitrate concentrations. All water delivered by BWD and Canebrake meets the Primary Drinking Water Standards.

There are no known contamination sites in the Region.

### **1.2.10 Social and Cultural Makeup of the Regional Community**

The Borrego Springs community appears to be the only DAC in the Region. Reliable information, but undocumented, indicates that the Canebrake community's MHI is higher than that threshold to qualify for a DAC.

A table in Section 2.11 of this Plan shows a snap shot of the social and cultural make up of the Region. Conclusions that are drawn about the Region:

- Relatively low MHI
- Significant population of Hispanics

As will be presented later in the Plan, little or no growth is expected in the two communities that are a part of this process. The Borrego area is limited by water supply and the Canebrake area is surrounded by federal and state lands.

The benefits of the IRWM Plan being prepared are discussed in some detail the Section 6 of this Plan.

### **1.2.11 Tribal Government:**

There are four Indian reservations located in the region. The Los Coyotes Reservation is located in the northwestern portion of the region and has approximately 70 residents. The Campo, Ewiiapaayp and Manzanita Reservations are located in the mountainous area in the southwestern portion of the region. The Campo Indians have the

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<sup>1</sup> California Department of Water Resources, *Special Report for the XXVI Border Governors Conference*, July, 2008.

largest population with 350, the Manzanita Reservation has 70 and the Ewiiapaayp do not reside on the portion of the reservation located in our region. The entities were contacted on numerous occasions to participate in the Stakeholders meeting. However, they declined to participate in the process. The stakeholder's committee is working with representatives of the groups to solicit their issues for incorporation into the IRWM process. However, the Ewiiapaayp Band of Indians did provide a report on their water supplies.

#### **1.2.12 Issues and Conflicts for the Region**

Water supply to the Region is composed of runoff from the surrounding mountain watersheds. These flows recharge the Borrego Valley aquifer and the fractured mountain basin complex along water courses. Water is extracted from numerous wells. Most of the extractions are not measured and are therefore estimated water use is estimated by indirect methods. Water districts and CSDs measure their extractions.

Section 2 (2.13) of the partially completed Plan contains detailed description of the water management issues and conflicts in the Region, but to summarize these:

The overdraft of the Borrego Aquifer is the paramount issue in the northern area of the Region. This long standing overdraft has created conflicts between the local residents, growers and the environmental interests. A recent finding by the USGS that the main producing aquifer has an expected future productive life of only 50 years has elevated this issue. The County and the BWD have adopted ordinances that prohibit new water requiring developments without full mitigation of the new demand.

The Park's issues concerns include the lowering of water levels in the Borrego Aquifer, water diversions upstream and outside the Park and need for upgrading existing wells at several camp grounds. Additional concerns are the replacement of native plants with invasive species.

The small water supply communities located in the central and southern areas of the Region are concerned about declining water levels in block mountain fractured rocks that are their only water supply source. In addition, they lack back up wells and need additional surface storage to provide for fire and operational storage. A leaking transmission main is also in need of replacement.

Controlling infrequent storm events is a concern throughout the Region as prior major storm events have caused substantial damage and endangered life.

#### **1.2.13 Neighboring IRWM Efforts**

Two nearby IRWM's are currently in the planning phase. The Coachella Valley IRWM is located immediately to the northeast and the Imperial County IRWM is situated directly and adjacent to the ABD IRWM. Representatives from the ABD IRWM regularly attend meetings of these two processes.

A third IRWM Region exists immediately to the west of the ABD Region. This San Diego IRWM has been in existence for some time and has prepared an IRWM plan which has been adopted by participating agencies.

### **1.3 Existing or Partially Completed IRWM Plans**

The IRWM process was initiated by the RWMG in January of 2010 via a Public Kick-Off meeting. Subsequent to that, all interested participants were organized into a

Stakeholders Committee. The RWMG officially became the Policy/ Steering committee. Monthly meetings of both the Policy and Stakeholders committees were immediately initiated and work was begun on developing an IRWM Plan. As of September 17, 2010 a major portion of the Plan has been completed in draft form. Plan Sections covering Governance, Description of Region, Goals, Objective and Target, Integration of Water Management Strategies, Project Review Process and Impact and Benefits have been produced. It is expected that the Plan will be completed and subsequently adopted by the first quarter of calendar 2011.

#### **1.4 Public Process to Identify Stakeholders and Their Inclusion in the Planning and Decision Process**

As indicated above, the IRWM process was initiated by a public meeting. Prior to that, a notification of the meeting was published in the local newspaper, the Borrego Sun. Invitations by direct telephone calls were made to the three water supply communities located in the central and southern areas of the Region. Telephone invitations were also made to the tribal councils that owned land within the Region. Also contacted were all of the known non-profits, NGOs and governmental agencies that were known to have an interest in water management.

Follow up invitation letters were also sent to all those contacted. The letters and newspaper announcement described the IRWM process and its purpose. The BWD website was modified to include a link to the IRWM process.

It was initially envisioned that several stakeholder committees (Stakeholders, Technical and Public Information Dissemination) would be established, but due to the relatively small attendance at the first meeting, those stakeholders agreed that a single Stakeholder committee would suffice. The Stakeholder committee agreed to meet monthly until the Plan was completed.

The role of the Stakeholder committee was discussed and established as the decision group in formulating and construction the IRWM Plan. This would include the establishment of goals and objectives of the Plan and the incorporation and analysis of projects that would be included in the Plan.

Attendance at the meetings has usually included the BWD, Canebrake CWD, the growers as represented by the Agricultural Alliance for Water and Resource Education (AAWARE), the AB Foundation, the ABD State Park, the Rural Community Assistance Corporation (RCAC), San Diego Flood Control District, the Golf Course Association of Borrego Valley, the Bureau of Land Management (BLM), the Ocotillo Wells State Vehicle Recreational Area, 3-4 local residents and the Borrego Sun newspaper. Minutes were prepared by a recording secretary and distributed by email to the participants and posted on the BWD website.

Stakeholder participation has always been somewhat less than desired, however, it is believed that attendance has been good considering that two of the four water supply agencies decided not to participate, the small population residing in the Region and the remoteness of the two remaining water supply participating agencies.

### **1.5 Identification of DAC and their Inclusion in the Process**

A review of the 2000 Census (factfinder) showed that the Borrego Valley's Median Household Income is less than 80% of the State wide average. Since the 2000 census does not provide a geographic breakdown of areas within the census tract, it was not possible to identify a specific area of the Borrego Springs community as 'disadvantaged'.

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Since the entire community of Borrego Springs is considered disadvantaged, and the public members of that community, local NGOs and non-profits were participants in the Stakeholders Committee, the Borrego Valley DAC was engaged. To further engage the community, the agendas and the results of all Stakeholder meetings were published in the Borrego Sun as well as shown on the BWD website. Thus, residents of the Borrego Valley DAC were kept informed of the process.

### **1.6 Process Used to Identify Region's Water Related Objectives and Conflicts**

The Policy Committee initially established the goals of the plan. After review and discussion at the Stakeholder committee, the goals were thought to address the major issues facing the Region (water supply and water quality) and the processes (environmental stewardship and Regional planning) through which to the goals should be accomplished. Thus, the goals were subsequently confirmed and adopted at the stakeholder level.

Through facilitated public workshops and Stakeholder meetings, stakeholders developed six specific IRWM Plan objectives to accomplish the four IRWM Plan goals. Conflicts have historically come about due to lack of communication and where there is no forum for debate or compromise. With this new regional gathering, conflicts can be addressed and reconciled as a group.

### **1.7 Criteria for Developing Regional Priorities**

IRWM Program Guidelines (2009) identified nearly thirty water management strategies, as part of the California Water Plan Update, 2009, that describe potential strategies for managing water resources. The Stakeholders reviewed the entire range of RMSs and others and developed a two-step process to identify groups of strategies that work together to mutually support Plan objectives and provide additional environmental, water resource management or other benefits.

**Step 1: Identify Primary Water Management Strategies that Directly Address Plan Objectives.**

In this step, The Stakeholders Committee reviewed and discussed potential Regional Management Strategies (RMS), which should be considered and would provide the best support for the development of the IRWM Plan. A consensus process was used to select the RMSs. Selected RMSs and their strategy content are shown and defined in the Table 4-1.

**Table 4-1 Regional Managements Strategies (from DRAFT IRWM Plan)**

Table 4-1 is continued on next two pages

(Number in brackets refers to Chapter number in CWP 2009 and are not in order of importance)

<p><b>Agricultural Water Use Efficiency (#2)</b> Increasing water use efficiency and achieving reductions in the amount of water used for agricultural irrigation. Includes incentives, public education, and other efficiency-enhancing programs.</p> <p><b>Urban Water Use Efficiency (#3)</b> Increasing water use efficiency by achieving reductions in the amount of water used for municipal, commercial, industrial, irrigation, and aesthetic purposes. Includes incentives, public education, and other efficiency-enhancing programs.</p> <p><b>Conveyance Regional/Local (#5)</b> The development of new conveyance systems that could provide supplemental water supplies to the region.</p> <p><b>Watershed Management (#7)</b> Comprehensive management, protection, and enhancement of groundwater and surface waters, natural resources, and habitat</p> <p><b>Conjunctive Management Groundwater (#8)</b> Using and managing groundwater supplies to ensure sustainable groundwater yields while maintaining groundwater-dependent beneficial uses, including coordinating management of groundwater and surface water supplies (conjunctive use)</p> <p><b>Desalination (#9)</b> Developing potable water supplies through desalination of brackish groundwater and perched water. Includes disposal of waste brine.</p> <p><b>Surface Storage – Local and Regional (#13)</b> Developing additional yield through construction or modification (enlargement) of local surface detention basins or developing groundwater storage capabilities in out-of-region reservoirs.</p> <p><b>Pollution Prevention (#17)</b> Strategies that prevent pollution, including public education, efforts to identify and control pollutant contributing activities, and regulation of pollution causing activities. Includes identifying, reducing, controlling, and managing pollutant loads from non-point sources.</p> <p><b>Agricultural Lands Stewardship (#20)</b> Includes strategies for promoting continued agricultural use of lands (e.g. agricultural preserves), strategies to reduce pollutants from agricultural lands, and strategies create wildlife habitat within agricultural lands. Stewardship strategies for agricultural lands include erosion reduction measures, invasive species removal, and conservation by mulching.</p> <p><b>Economic Incentives (#21)</b> Includes economic incentives (e.g. loans, grants, water pricing) to promote resource</p>
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preservation or enhancement.

**Ecosystem Restoration (#22)**

Strategies that restore impacted or impaired ecosystems, and may include invasive species removal, land acquisition, water quality protection, revegetation, habitat protection and improvement, habitat management and species monitoring.

**Forest Management (#23)**

The active management of lands to eliminate invasive species that consume water in excess of native vegetation and can cause impairment of storm flows.

**Land Use Planning & Management (#24)**

Includes land use controls to manage, minimize, or control activities that may negatively affect the quality and availability of groundwater waters, natural resources, or endangered or threatened species.

**Water-dependent Recreation (#26)**

Enhancing and protecting water-dependent recreational opportunities and public access to recreational lands.

**Water Transfers (#27)**

Contracting to provide new outside sources of imported water to the Region, potentially State Water Project and Colorado River supplies or supplies from groundwater basins or perched water tables.

**Flood Risk Management (#28)**

Strategies that decrease the potential for flood-related damage to property or life including control or management of floodplain lands or physical projects to control runoff.

Step 2: Develop Integrated RMSs Groupings for Each Objective. The strategies that best address each previously identified objective were then identified and integrated with other compatible strategies to achieve each objective. The Stakeholders also prioritized the objectives. The following table represents the results of a consensus process to identify and integrate the most important RMSs for the Plan.

**1.8 Collection, Analysis and Management of Data Collected**

Data collected thus far has only amounted to prior reports, memos, letters and minutes of meetings. These are routinely stored in the BWD files and entered into the BWD GIS.

Raw data such as groundwater levels, water quality, pumping tests, etc when collected is also stored in the BWD GIS. The GIS was developed in conjunction with the development of numeric model currently being formulated by the US Geological Survey.

Currently, BWD staff and consultants are working to integrate the Park’s extensive GIS, which covers a great deal of the Region, with the BWD GIS. A future step is to incorporate portions of the County of San Diego’s GIS into a Regional GIS.

**1.9 How Integrated Resource Management Strategies will be Employed**

The Stakeholders utilized the RMSs to establish a priority ranking of the candidate projects submitted for inclusion in the Plan. The process utilized was: (1)

establish a priority ranking among the RMSs selected for the Region. This was accomplished through a consensus process by prioritizing the objectives for the Region and then grouping the RMSs associated with each prioritized objective (Table 4-2). (2) assessing each candidate project’s association with the selected RMSs for the region. The results of this process yielded three tiers of candidate projects.

**Table 4-2 (from DRAFT IRWM Plan)  
Integration of RMSs and Prioritization of Objectives**

<b>Priority Strategies</b>	<b>Objectives (Section 3)</b>	<b>Integration of Regional Management</b>
1	Reduce Water Demand	Agricultural Water Use Efficiency Urban Water Use Efficiency
1	Increase Water Supply	Conjunctive Groundwater Storage Desalination - Brackish Surface Storage – Local/Regional
2	Practice Resource Stewardship	Agricultural Lands Stewardship Economic Incentives Ecosystem Restoration Forest Management Land Use Planning & Management Water-dependent Recreation Watershed Management
3	Improve Operational Efficiency & Transfers	Water Transfers Conveyance - Regional/Local
4	Improve Water Quality	Pollution Prevention
5	Improve Flood Management	Flood Risk Management

The first tier of candidate projects was identified as meeting the first priority objectives of Reducing Water Demand and Increase Water Supply (Table 5-1). All of these candidate projects met more than one RMS, thus creating an integration and synergistic effect among the RMSs.

Since many of the candidate projects were found to fall in Tier 1, a screening process was utilized to select those candidate projects which could be implemented in the near term. These projects were not encumbered by externalities such as agreements with other agencies, regulatory requirement and the like. Therefore, these projects became the Tier 1 Short Term Implementation projects of the Plan. Those projects requiring additional information, etc. were then designated as Tier 1 Longer Term Plan Implementation projects.

**Table 5-1 (from DRAFT IRWM Plan)**

		Table 5-1 Regional Management Strategies Associated with Each CP																
Prioritized RMs for Regions from Table 4-2 →		1					2							3		4		5
Regional RMS CWP Update 2009 Chapt. No. →		2	3	8	9	13	20	21	22	23	24	26	27	5	7	17	28	
CP No.	Regional Management Strategies → Candidate Projects	Agricultural Water Use Efficiency	Urban Water Use Efficiency	Groundwater Mgt./Conjunctive Use	Desalination Brackish Water	Storage- Local/Regional	Agricultural Lands Stewardship	Economic Incentives	Ecosystem Restoration	Forest Management	Land Use Planning & Management	Recreation and Public Access	Watershed Management	Conveyance - Regional/Local	Water Transfers	Groundwater Protection	Flood Risk Management	
1	Soil Erosion Following - BV						X		O	X	X		O					
2	Soil Stabilization-Borrego Sink - BV								X	O			X					
3	Habitat Restorization - Region							O	X	O	O	O	X				X	
4	Depth Dependent Water Quality Data - BV			X		O		O	O		O					X		
5	Hydrological Investigation-Canebrake			X				O			O							
6	Numeric Model Development - BV		O	X		X		O			O					X		
7	Water Quality in Agricultural Area - BV	O		X			O									X		
8	Clark Lake Groundwater Investigation - BV			X							O			X				
9	Water Easement Purchases - BV	X		O			X	X			X					O		
10	Allegretti Farms Groundwater Invest. - BV			X	O						O			X	X			
11	Dr. Nel - BV			X							O			X	X			
12	IID and Water Banking - BV			X	O	O		O	O		O			X	X			
13	Recharge Basins - BV			O		X		O			O	X	O				X	
14	Mulching for Water Conservation - BV	X					X	O										
15	Tamarisk Removal - Region	O					O		X	X			X				X	
16	Educational Out Reach - Region	O	O				O	O			O		O			X		
17	Water System Improvement - Canbrake		X					O			O			X				
18	Water Quality Well Testing (Region)			X												X		
19	Gauging Station Monitoring System (Region)															O	X	
20	Replacement Wells at Campgrounds (Park)			X														

A Tier 2 list of candidate projects was also developed. These projects meet the second highest priority Objective of Practice Resource Stewardship. Seven RMSs were associated with this Objective. These projects were also included as Implementation Projects in the Plan.

**1.10 How the Plan will be implemented and Impacts and what Benefits Expected**

It is expected that as funding becomes available, each of the Tier 1 Short Term Implementation projects will be reviewed for scope, implementation schedule and reasonableness of cost. The Stakeholders and the Policy Committees will then prioritize the Implementation projects and select the highest ranking projects that can be implemented with the available funding.

The BWD will become the recipient of the grant funds and will contract with consultants or other agencies to perform the projects.

The Stakeholders group also participated in an exercise directed at identifying the benefits of all projects submitted for consideration. The projects were first grouped into categories established as Statewide Priorities. These included Environmental Stewardship, Protect Groundwater Quality, Drought Preparedness (this category was further subdivided into Supply Augmentation, Water Conservation and Small Systems) and Protect Water Quality. Project benefits were identified as:

- Water Supply
- Water Quality
- Water Reliability
- Water Conservation
- Storm Water Capture
- Invasive Species Removal
- Water Banking
- Integrated Flood Management
- Watershed Management
- Regional Concept

Table 6-2 displays the benefits resulting from each of the candidate projects submitted on inclusion in the plan. The projects are grouped according to Statewide priorities. Further, the Stakeholders discussed the benefits of each project and then prioritized the projects within each Statewide priority. As indicated above, the Stakeholders further identified the benefits that would be associated with each of the candidate projects.

**Table 6-2 (from DRAFT IRWM Plan)**

Table 6-2

Prioritized Projects and Benefits

Revised as per Subcommittee 5-25-10

	Priority	Project Benefits									
		Water Supply	Water Quality	Water Reliability	Water Conservation	Storm Water Capture	Invasive Species	Water Banking	Integrated Flood Mgt.	Watershed Management	Regional Concept
<b>Regional Issues by Statewide Priorities</b>											
<b>Environmental Stewardship</b>											
Soil Erosion from Fallowing - BV	1										✓
Soil Stabilization of the Borrego Sink - BV	3										✓
Wetlands/Habitat Restoration/Enhancement Projects - Region	2									✓	✓
<b>Protect Groundwater Quality</b>											
Water Quality Depth Dependent Data - BV	3	✓	✓	✓							
Groundwater Model of Borrego Basin by USGS - BV	1	✓		✓							
Hydrogeologic -Canebrake	2	✓		✓							
Water Quality in the Agricultural Area BV	4		✓	✓							
<b>Drought Preparedness - Supply Augmentation</b>											
Groundwater Investigation in Clark Lake -BV	1	✓	✓	✓							
Allegetti Farms Groundwater Basin - BV	4	✓	✓	✓				✓			
IID and Water Banking - BV	3	✓		✓				✓			
Purchase of Water Easements -BV	2	✓		✓							
Dr. Nel Property - BV	5	✓		✓							
<b>Drought Preparedness - Water Conservation</b>											
Tamarisk Removal - Region (Prop 1E Funding)	2				✓		✓		✓	✓	
Mulching for Water Conservation - BV	3				✓						
Recharge Basins - BV (Prop 1E Funding)	1	✓			✓	✓			✓		
<b>Drought Preparedness - Small Systems</b>											
Back-up Wells; Storage; Pipeline Replacement - Canebrake	1	✓	✓	✓	✓						
Testing Well Water Non-Municipal Systems - Region*	2		✓								✓
<b>Protect Water Quality - Public Education</b>											
Outreach Water Pollution Prevention and Conservation - Region	2		✓								✓
School Districts Wellness Program - Region	1		✓								✓

**1.11 Benefits to DACs**

The ABD IRWM region is a series of disadvantaged communities dotting the eastern portion of unincorporated San Diego County. Only a few population centers fall in the region, the largest being Borrego Springs, followed by Jacumba, the Majestic Pines community near Julian, Canebrake, Shelter Valley and Ocotillo Wells. Most all of these areas rely on groundwater for drinking and septic systems for waste disposal, the exceptions being a small portion of Borrego Springs and all of the Majestic Pines subdivision. Many of the individual private homesteads utilize decades old water wells with very little idea of the water quality or longevity of the supply. The county of San Diego oversees the general health conditions of the water supplies but has very little budget to perform any water quality or aquifer testing in the remote East County areas.

The DAC element for the region will focus on water quality analysis and wellhead education to ensure the entire population has safe drinking water. In addition, information will be disseminated on preventing cross connection/backflow contamination

of the drinking water systems to educate our neighbors on proper piping and irrigation practices.

School educational programs will also be a high priority of the IRWMP. These programs will include educating elementary school children on the dangers of drinking pooled or stagnant waters, middle school will feature programs on the hydrologic cycle and from where our water comes and high school programs will teach the young adults on water quality and sustainability. All levels will be instructed in water conservation programs and how these principles can be applied to our everyday lives.

Further education is needed with the landscape irrigators and gardeners. Many have little concept as to cross connection/backflow contamination and education on this matter is prudent for safe drinking water. Also the landscapers could utilize irrigation training on smart irrigation timers with weather station-based systems and other innovative products for more effective water delivery. These programs need to be instructed in both English and Spanish languages.

Of the four communities that deliver water supply in the Region, two declined to participate. Of the remaining two, only Borrego is economically disadvantaged. The Plan identifies significant indirect benefits to this community.

#### **1.11.1 Benefits to the Borrego Valley DAC**

Borrego Valley area is economically disadvantaged. The Plan identifies three significant benefits to this community.

(1) Reduction in Groundwater Level Decline: The chief issue in this area is the constant lowering of the groundwater levels. Annual decline levels range from 2 to 4 feet per year, with an average of about 3 feet per year. There is some indication that the rate of decline is increasing due to the 'bowl' shaped nature of the groundwater basin, however, this has not been confirmed.

This is a potential substantial impact on the DAC as groundwater pumping costs are a significant factor in determining the water rates paid by the community. For example, with current electrical rates, a 100 foot drop in groundwater levels would result in an increase pumping cost of about \$15 per acre foot. Thus, implementation projects that reduce the water demand have the impact of decreasing the rate of lowering of the water table and subsequently the benefit of reducing the cost of water extraction that would otherwise occur and ultimately translate into a reduction in the amount of O&M expense required to be passed on to the DAC rate payers.

Implementation Plan projects #9 - Water Easement Purchases and #14 – Mulching for Water Conservation both have the impact of reducing water demand. Tiered water rates, an existing program of BWD, also impacts the lowering of water levels and provides benefits to the DAC.

(2) Deferring Importation Projects: Reducing water demand also serves to defer the ultimate need to import water into the Valley. The importation projects identified, with the exception of the Clark Lake Importation Project, have associated costs that far exceed the local community's ability to fund the projects. The existing community is too small and economically disadvantaged to afford these projects without substantial grant or subsidy funding from State and Federal sources. A secondary impact and benefit results from a delay in the expenditures for an importation project. A delay would allow

the ratepayer or project funding base to increase so that the expenditure would be spread over a larger economic and population base.

All would require a significant State or Federal grant to provide a reduction in the rate necessary to fully fund the construction and operation of the project. These would have a substantial impact on the DACs water rates.

The impact and advantage of reducing water demand is to allow time for the community to transform its economic base from agriculture to residential. Existing policies will allow this to occur without an increase in water demand. In fact, under the BWD policy, the conversion would reduce the water demand on the basin. Also, increasing water supply, without importation, would have the same impact and benefit.

Finally, project #13 Recharge Basins has the impact of increasing water supply, but has the dual impact as Reducing Demand and Increasing Water Supply. (Reducing groundwater level decline)

(3) Water Quality Protection: The protection of groundwater quality is an important benefit of several of the Plan projects. Nitrate invasion into one of BWD wells has already caused the well to be closed and a new well drilled as a replacement. Thus, poor water quality that may exist in the area intensively used for agricultural purposes or deeper groundwater of poor quality that might 'up-well', could render existing wells unuseable without treatment or abandonment and re-drilling. Both are expensive options.

If these water quality intrusions were to be realized, the significant remediation or correction expense would be passed on to the DAC rate payers. Thus, water quality projects included in the Plan would allow 'early warning' signals and mitigation programs to be implemented to prevent the occurrence.

The Implementation Plan includes the following water quality projects: #4 Depth Dependent Water Quality Data, #6 Numeric Model Development and #7 – Water Quality in Agricultural Area. These Projects implement the objective of Improve Water Quality, but also serve to prevent the loss of water supply.

### **1.11.2 Benefits to DACs Not Participating in the Plan**

The ABD IRWM region is a series of disadvantaged communities dotting the eastern portion of unincorporated San Diego County. Only a few population centers fall in the region, the largest being Borrego Springs, followed by Jacumba, the Majestic Pines community near Julian, Canebrake, Shelter Valley and Ocotillo Wells. Most all of these areas rely on groundwater for drinking and septic systems for waste disposal, the exceptions being a small portion of Borrego Springs and all of the Majestic Pines subdivision. Many of the individual private homesteads utilize decades old water wells with very little idea of the water quality or longevity of the supply. The county of San Diego oversees the general health conditions of the water supplies but has very little budget to perform any water quality or aquifer testing in the remote East County areas.

The DAC element for the region will focus on water quality analysis and wellhead education to ensure the entire population has safe drinking water. In addition, information will be disseminated on preventing cross connection/backflow contamination of the drinking water systems to educate our neighbors on proper piping and irrigation practices.

School educational programs will also be a high priority of the IRWMP. These programs will include educating elementary school children on the dangers of drinking

pooled or stagnant waters, middle school will feature programs on the hydrologic cycle and from where our water comes and high school programs will teach the young adults on water quality and sustainability. All levels will be instructed in water conservation programs and how these principles can be applied to our everyday lives.

Further education is needed with the landscape irrigators and gardeners. Many have little concept as to cross connection/backflow contamination and education on this matter is prudent for safe drinking water. Also the landscapers could utilize irrigation training on smart irrigation timers with weather station-based systems and other innovative products for more effective water delivery. These programs need to be instructed in both English and Spanish languages.

Of the four communities that deliver water supply and have agreed to participate in this Plan, Borrego and Jacumba, are economically disadvantaged. The Plan identifies significant indirect benefits to these communities.

This background section was a combined effort involving stakeholder input and authorship. As stated at the beginning, the IRWM process brought the various entities together for the first time to share issues as a region and will continue to do so, in the future.

## Work Plan Components to Meet IRWM Standards

### Task 1 Conduct Monthly Stakeholder and Policy Committee Meetings

This task includes the preparation for, conduct of, and facilitation of monthly meetings of both the Policy and Stakeholders meetings. While the Policy meeting is conducted as a teleconference, the Stakeholders meetings take place at the BWD headquarters in Borrego Springs. Agendas are prepared and distributive in advance to each previous and current participant. Telephone conferencing is acceptable for the Tribal entities which have not been in attendance at any of the meetings.

#### Costs related to this task

Total Cost: \$12,100

Preparation of materials (agendas, notes) and meeting facilitation by consultant:  
20 hours/month @ 125/hr = \$2,500 per meeting x 4 meetings until January of 2011 = \$10,000

BWD staffing @ 4hrs/mtg. x 4 mtgs. x \$100/hr = \$1,600

Administrative Cost by BWD staff (attendance and meeting minutes preparation)  
\$500

### Task 2 Complete (revise, edit and fill gaps) of Sections 1- 6 of the IRWM Plan

While Plan Sections 1-6 (Governance, Description of Region, Goals, Objectives and Targets, Integration of Water Management Strategies, Project Review Process, Impacts and Benefits) have been completed in some detail and reviewed by both committees, there remain a number of gaps in the information needed to fully describe the Region's physical and institutional make up. For example, the amount and percentage of various land ownerships is unknown.

#### Costs related to this task

Total Cost: \$3,500

Consultant 20 hrs @ \$125/h = \$2,500

BWD staffing @ 5hrs x \$100/hr = \$500

Administrative Cost by BWD staff = \$500

### Task 3 Conduct Performance and Monitoring

The Section of the Draft Plan concerning the monitoring of the performance of the Plan has not been written. However, there are portions of the Draft Plan that relate specifically to this issue. For example, Section 3 establishes quantitative performance targets for each of the six objectives selected by the Stakeholders to accomplish the four goals established for the Region. A total of nearly 30 quantitative performance targets are established in the Draft Plan. In this task, discussions with the Stakeholders and the RWMG will be conducted to establish the following:

- Who in the RWMG, or possibly a participant in the Stakeholders group, that is responsible for monitoring the progress in meeting the specific targets and the frequency of evaluating the performance in meeting the targets. Flood management targets may more appropriately be assigned to the County's Flood Control Agency, for example.
- The specific performance targets in Section 3 will be inputted into the Region's Data Management System with timely 'reminders' of upcoming target due dates.

The Region’s DMS will be maintained by BWD, but will allow access from authorized personnel, including the RWMG.

- The DMS will also contain step by step progressive activities necessary to complete each Implementation Project. Completion dates for each step will also be included in the DMS. A Gantt chart system will be used to track each project. The system will be queried and updated monthly and provide timely progress reports on all Implementation Projects.
- It is expected that the RWMG and Stakeholders will find that as new data or as unforeseen externalities surface, that the RMSs, plan objectives, etc. may require modification or revision. ‘Lessons Learned’ findings sessions will be conducted periodically to optimize the performance of the process.

Costs related to this task

Total Cost: \$22,700

Consultant to develop DMS and link to GIS 100 hrs @ \$125/h = \$12,500

Data Input by BWD staff: 60 hrs @ \$120/hr = \$7,200

BWD staffing @ 20hrs x \$100/hr = \$2,000

BWD Administrative Costs \$1,000

**Task 4 Prepare a Data Management Plan**

Data collected thus far has only amounted to prior reports, memos, letters and minutes of meetings. These are routinely stored in the BWD files and entered into the BWD GIS.

Raw data such as groundwater levels, water quality, pumping tests, etc when collected are also stored in the BWD GIS. The BWD GIS was developed in conjunction with the development of numeric model currently being formulated by the US Geological Survey and covers only the Borrego Valley area. All data collected on water level measurements, water quality, GPS surveys, reports and any other relevant data are stored within this GIS.

Currently, BWD staff and consultants are working to integrate the Park’s extensive GIS, which covers a great deal of the Region, with the BWD GIS. The next step is the incorporation of portions of the County of San Diego’s GIS into a Regional GIS.

The final ABD IRWM data management system will be developed with common protocols for gathering data in a consistent manner and that can be shared with in the RWMG. It will be developed so that it is understandable to the members of the Stakeholders group. The DMS will be structured so that it is compatible with the several State databases mentioned in the IRWM Standards for Data Management.

Costs:

Costs related to this task

Total Cost: \$54,000

Consultant coordination 12 hrs @ \$125/h = \$1,500

GIS Consultant \$50,000

BWD Administrative Costs = \$2,500

### **Task 5 Identify Financing Opportunities for Implementation Projects**

One of the implementation projects that are currently being implemented is partially financed through federal funding. Applications and requests have been made for federal assistance on other projects. State funding, through a non-IRWM funding program may also be obtained. These external existing and potential funding opportunities are identified in Task 14 of this work plan for each of the Implementation Projects.

Local financing from BWD reserves, current rate payer revenues or potential bond issues are all possibilities. These sources are also listed in Task 14.

Another issue that needs to be addressed in this task is the continued fund sources will be derived for projects that require annual O&M expenditures.

#### Costs related to this task

Total Cost: \$8,500

Consultant coordination 12 hrs @ \$125/h = \$1,500

Bond Council assistance \$4,000

BWD staffing @ 25hrs x \$100/hr = \$2,500

BWD Administrative Costs \$500

### **Task 6 Technical Analysis**

This task deals with the soundness of the technical information concerning the water management needs embedded in the Plan. As shown in Table 2-1 of the draft plan neither of the two participating water purveyors expect a net increase in their water needs. The Canebrake CWD has no opportunity for growth as it is completely surrounded by the Park or federally owned lands.

The more complex issue is the BWD. The current situation, as fully described in Section 4.31 of the Draft Plan, the BWD and County of San Diego will not allow an increase in water use without a corresponding reduction in existing water use from the basin, such as the fallowing of agricultural lands. There are a number of previously approved lots that could be developed, but only after appropriate mitigation is obtained.

The off-setting mitigation requirement by both the County and the BWD is based on a continued lowering of the water levels in the groundwater basin. This water level decline is the result of a long term overdraft that has been documented through many years of groundwater level measurements by the County, State, federal and local data collection efforts. Several studies by the State (DWR), the Bureau of Reclamation and the US Geological Survey have estimated the available water supply from the runoff from area surrounding the basin and estimated the amounts of groundwater extractions. All of these are in agreement that a substantial overdraft exists.

Two major issues face the area: While no new net water use is prohibited, there is still the issue of a continuing overdraft. The elimination of the current overdraft would require a substantial reduction in groundwater extractions (presumably a combination of fallowing of agricultural lands and the importation of water from nearby groundwater basins, for example.)

The US Geological Survey recently announced that the main producing aquifer in the Borrego Valley Basin has an expected useful life of only 50 years. Thus, a solution to the overdraft must be found in the near term in order to avoid a severe water shortage situation that would disrupt or destroy the local economy. The technical data being

developed to support this conclusion is a numeric model being prepared by the USGS. The development is near the end of the second year of a three year project. The model will be useful in developing groundwater management options, such as importing water for recharge, reducing agricultural water use, etc.

If the overdraft were mitigated, could the substantial available dewatered space in the aquifer be utilized as a water banking operation (conjunctive use)? Groundwater banking is becoming an important water management tool that can help supplement the State's diminishing water supplies from environmental regulations and climate change. The model will be useful in developing groundwater management options relating to water banking. Thus, the soundness of the technical information will be heavily weighted towards the model development by an independent and well respected agency, the US Geological Survey.

Costs related to this task

Total Cost: \$220,700

Consultant Management of Model Development 32 hrs @ \$125/h = \$4,000

Attendance at Quarterly Model Meetings – Consultant 4 meetings at \$1,000/meeting = \$4,000

USGS Model Development final year - \$202,700

BWD Administrative Costs = \$10,000

**Task 7 Describe IRWM Process and it Relation to Local Land Use Planning**

As indicated in Section 1 of the Draft Plan, there are no incorporated communities in the Region and that all land use decisions regarding private land uses are made with the County of San Diego. Regarding the Borrego Springs area; a Borrego Springs Community Plan has been prepared by the local community and adopted as an integral part of the County of San Diego's General Plan update of July 1, 2009. This plan includes policy plans specifically created to address the issues, characteristics, and visions of the community. The Community Plan provides framework for addressing the critical issues and concerns that are unique to Borrego and are not reflected in the broader policies of the General Plan and is consistent with all other parts of the County's General Plan.

The Plan's policies require that development be comparable to, or transition with, existing development to ensure that new development "fits" with the community and enhances the community's vision. Also indicated earlier, the County has adopted 'groundwater preservation' ordinance that requires a one for one mitigation for new water use. This ordinance is consistent with a similar policy of the BWD, which also requires the same amount of mitigation, but in addition to that of the County's requirement. Thus the local and regional plans are consistent both in development and water use mitigation. And, in fact, demonstrate a clear linkage between land use planning and water resource management.

BWD has also adopted a Groundwater Management Plan (2002). This plan contains goals and objectives that do not conflict with the County plans.

It is noted that nearly all of the Region's lands are under State and Federal jurisdiction. Some of the Implementation Projects are expected to take place on Park lands. These projects are consistent with the Parks objectives of improving water supplies at its campgrounds and the removal of invasive species.

The effort envisioned in this task to the continued dialogue between the RWMG, specifically BWD, with the County, the Park and the other federal land holders to ensure continued cooperation in implementing the needed projects for fulfilling the goals of the IRWM. Quarterly meetings with all major land owners are proposed.

Costs related to this task

Total Cost: \$9,000

Facilitated quarterly meetings for two years: 8 hrs/meeting x 4/yr x 2yrs @ \$125/hr = \$8,000

BWD Administrative Costs = \$1,000

**Task 8 Identify Region and Local and Regional Water Planning Relationships**

The BWD water planning efforts have been incorporated into the Draft Plan. Further, there are no regional water plans. The County has adopted an ordinance that mitigates for new water uses in the Borrego Valley. Close coordination with the County on water management issues for the Borrego Valley as well as for the Region will be a continuing effort.

A component of this task is to meet with County officials in an attempt to encourage the County to potentially coordinate water needs of the Region with those of the adjoining counties. Adjoining counties have water supply and disposal issues that could be assist the eastern portion of San Diego County with its limited water supplies.

Costs related to this task

Total Cost: \$5,000

Facilitated meetings 16 hrs/meeting @ \$125/hr = \$2,000

Prepare Section in Plan 8hrs @ \$125 = \$1,000

BWD staffing @ 15hrs x \$100/hr = \$1,500

BWD Administrative Costs = \$500

**Task 9 Describe Stakeholder Involvement**

This program standard has already been discussed and no additional costs are associated the completion of this effort.

**Task 10 Coordination**

This task is designed to ensure that all participating agencies and Stakeholders are informed and kept abreast of the process. This is being accomplished through several previously described tasks. However, it is important to keep informed of the activities of the adjoining Regions work with a view of possibly combining solutions to local issues with a regional solution. Thus, attendance at the adjoining Region's meetings is desirable. It is envisioned that BWD or other members of the ABD Region participate in these meeting.

Costs related to this task

Total Cost: \$19,200

Attend quarterly meetings of adjoining Regions

BWD or others for a two year period 3 regions x 4/yr x 2 yrs x 8 hr/mtg @ \$100/hr = \$19,200

**Task 11 Describe Climate Change Impacts and Responses**

This task involves the review of all literature regarding Climate Change and Green House Gas emissions. This was briefly discussed in Section 1.2.8 of the Background Section of this application. This task envisioned a thorough literature review with respect to the potential impacts on the Region's water resources and ecological systems. Particular emphasis will be placed on the opportunities to respond to the changes and how to reduce GHG emissions.

Costs related to this task

Total Cost: \$6,500

Review of Literature and Report Preparation 40 hrs @ \$125/h = \$5,000

BWD staffing @ 10hrs x \$100/hr = \$1,000

BWD Administrative Costs \$500

**Task 12 Prepare Final Plan**

This task will be somewhat cumbersome due to the many reviewers that will desire to review and comment.

Costs related to this task

Total Cost: \$26,500

Preparation of 2 draft reports and respond to comments 120 hrs @ \$125/h = \$15,000

Attend 2 meetings for presentation and discussion 2 mtg (32hrs at \$125/hr) @\$2,000/mtg = \$4,000

Preparation of Final Report 20 hrs @ \$125/h = \$2,500

BWD staffing @ 45hrs x \$100/hr = \$4,500

BWD Administrative Costs \$500

**Task 13 Reimbursement of IRWM costs from September 2008 thru September, 2010**

Costs related to this task

Total Cost: \$292,832

Costs related to this task:

Costs from September 2008 to September 30, 2010

    Technical Analysis Costs= \$185,232

    Consultant Costs=\$93,226

BWD Administrative Costs = \$14,374

**Attachment 4 – Project Budget**

Proposal Title: Anza Borrego Desert Region Planning Grant Application

Project Title: Anza Borrego Desert Planning Grant Budget

Task Number	Budget Category	Non-State Share* (Funding Match) (1)	In-Kind Share* (Funding Match) (1)	Requested Grant Funding (DWR Grant Amount)	Total	% Funding Match
1	Conduct Monthly Stakeholder and Policy Cmt. Mtgs.	925	2,100	9,075	12,100	25
2	Complete (revise, edit and fill gaps) of Sections 1- 6 of the IRWM Plan	0	875	2,625	3,500	25
3	Conduct Performance and Monitoring	2,675	3,000	17,025	22,700	25
4	Prepare a Data Management Plan	11,000	2,500	40,500	54,000	25
5	Identify Financing Opportunities for Implementation Projects	125	2,000	6,375	8,500	25
6	Technical Analysis	45,175	10,000	165,525	220,700	25
7	Describe IRWM Process and it Relation to Local Planning	1,250	1,000	6,750	9,000	25
8	Identify Region and Local Planning Relationships	0	1,250	3,750	5,000	25
9	Describe Stakeholder Involvement	0		0	0	0
10	Coordination	4,300	500	14,400	19,200	25
11	Describe Climate Change Impacts and Responses	125	1,500	4,875	6,500	25
12	Prepare Final Plan	1,625	5,000	19,875	26,500	25
13	Reimbursement of IRWM costs from September 2008 to Present	58,834	14,374	219,624	292,832	25
	Grand Total	126,034	44,099	510,399	680,532	25

Notes to Table

1 - Funding Match are not State funds, but are in-kind services, federal grant dollars or local agency funds.





# BORREGO WATER DISTRICT

February 2011

## WATER OPERATIONS REPORT

<u>WELL</u>	<u>TYPE</u>	<u>FLOW RATE</u>	<u>STATUS</u>	<u>COMMENT</u>
ID1-1	Irrigation	150	Standby	Backup well for Rams Hill Golf Course
ID1-2	Irrigation	150	Standby	Backup well for Rams Hill Golf Course
ID1-8	Production	350	In Use	
ID1-10	Production	300	In Use	
ID1-12	Production	950	In Use	
ID1-16	Production	950	In Use	
Wilcox	Production	150	In Use	Diesel backup well for ID-4
ID4-4	Production	350	In Use	
ID4-10	Production	80	In Use	
ID4-11	Production	1000	In Use	Diesel engine drive exercised monthly
ID4-18	Production	250	In Use	
ID5-5	Production	900	In Use	Diesel engine drive exercised monthly

**System Problems:** None.

## WASTEWATER OPERATIONS REPORT

**Rams Hill Water Reclamation Plant serving ID-1 & ID-2 Total Cap. 0.25 MGD (million gallons per day):**

**Average flow:** 78,231 (gallons per day)

**Peak flow:** 114,419 gpd Saturday February 19th

February 18th, flow into BSPCSD Plant now diverted to Rams Hill WRP

**BSPCSD Reclamation Plant serving ID-5, Total Capacity 0.1 MGD:**

**Average flow:** 2,973 gpd

**Peak flow:** 3,514 gpd Saturday February 12th

**All restaurant grease traps were clean.**

**System Problems:** None.

**WATER PRODUCTION SUMMARY  
February 2011**

<b>DATE</b>	<b>ID-1</b>	<b>ID-3</b>	<b>ID-4</b>	<b>ID-5</b>	<b>DISTRICT-WIDE TOTALS</b>
Feb '10	24.30	6.12	81.33	3.11	114.86
-----	-----	-----	-----	-----	-----
Mar '10	52.71	7.99	83.50	12.17	156.37
Apr '10	91.08	9.86	112.32	15.57	228.83
May '10	110.36	11.40	115.81	13.76	251.33
Jun '10	63.20	15.06	146.00	19.80	244.06
Jul '10	65.10	15.07	131.48	19.91	231.56
Aug '10	79.88	17.50	163.65	21.90	282.93
Sep '10	82.96	21.12	163.18	22.01	289.27
Oct '10	65.95	13.47	146.34	9.03	234.79
Nov '10	138.01	11.14	100.44	16.60	266.19
Dec '10	103.41	11.68	130.03	10.98	256.10
Jan '11	39.57	8.20	73.97	5.16	126.90
Feb '11	74.16	9.36	109.79	8.68	201.99
<b>12 Mo. TOTAL</b>	<b>966.39</b>	<b>151.85</b>	<b>1476.51</b>	<b>175.57</b>	<b>2770.32</b>

*Totals reflect individual improvement district usage. Interties from ID-3 and ID-5 have been subtracted from well pumpage totals and applied to respective ID's. All figures in Acre Feet of water pumped or recorded on intertie meters.*

**WATER LOSS SUMMARY (%)**

<b>DATE</b>	<b>ID-1</b>	<b>ID-3</b>	<b>ID-4</b>	<b>ID-5</b>	<b>DISTRICT-WIDE AVERAGE</b>
Feb '11	1.82	1.18	17.89	N/A	6.96
<b>12 Mo. Average</b>	<b>1.04</b>	<b>2.73</b>	<b>11.17</b>	<b>N/A</b>	<b>4.98</b>

BORREGO WATER DISTRICT  
 Water Production / Use Records  
 ID # 1  
 Month of February 2011

----- Water Production (Acre Feet) -----								
Date	Well 1	Well 2	Well 8	Well 10	Well 12	Well 16	Total	LessID3&4
=====	=====	=====	=====	=====	=====	=====	=====	=====
FEB'10	0.00	0.00	0.10	6.70	15.17	8.45	30.42	24.30
MAR'10	0.00	0.00	0.00	18.41	25.15	17.14	60.70	52.71
APR'10	0.00	0.00	0.00	29.41	27.77	43.76	100.94	91.08
MAY'10	0.00	0.00	0.06	31.01	30.51	60.18	121.76	110.36
JUN'10	0.00	0.00	5.94	18.97	12.68	40.67	78.26	63.20
JUL'10	0.55	0.79	0.00	6.77	42.96	29.10	80.17	65.10
AUG'10	0.00	0.00	4.43	7.34	42.89	42.72	97.38	79.88
SEP'10	0.00	0.00	0.03	13.12	52.24	38.69	104.08	82.96
OCT'10	0.00	0.00	17.06	10.48	16.20	35.68	79.42	65.95
NOV'10	10.53	12.70	16.83	14.81	43.96	50.32	149.15	138.01
DEC'10	0.00	0.00	0.00	21.85	33.05	60.19	115.09	103.41
JAN'11	0.93	1.18	0.00	21.04	22.62	2.00	47.77	39.57
FEB'11	0.00	0.00	0.00	14.73	39.51	29.28	83.52	74.16
TOTALS	12.01	14.67	44.35	207.94	389.54	449.73	1118.24	966.39
=====	=====	=====	=====	=====	=====	=====	=====	=====

----- Water Use (Acre Feet) -----									
Date	Domestic	Irrigat'n	Constrt'n	Golf			Total	Water	
				Course	ID 3	ID 4		Loss	% Loss
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
FEB'10	5.91	3.55	0.00	9.80	6.12	0.00	25.38	5.04	16.57%
MAR'10	7.96	5.70	0.00	38.92	7.99	0.00	60.57	0.13	0.21%
APR'10	10.63	9.48	0.00	72.96	9.86	0.00	102.93	-1.99	-1.98%
MAY'10	11.01	11.63	0.00	87.58	11.40	0.00	121.62	0.14	0.11%
JUN'10	11.69	12.88	0.00	43.63	15.06	0.00	83.26	-5.00	-6.41%
JUL'10	14.12	15.33	0.00	30.68	15.07	0.00	75.20	4.97	6.20%
AUG'10	14.10	16.81	0.00	41.49	17.50	0.00	89.90	7.48	7.68%
SEP'10	15.99	22.21	0.00	43.61	21.12	0.00	102.93	1.15	1.09%
OCT'10	11.71	19.42	0.00	37.57	13.47	0.00	82.17	-2.75	-3.45%
NOV'10	11.66	14.23	0.00	108.88	11.14	0.00	145.91	3.24	2.17%
DEC'10	11.73	14.14	0.00	76.70	11.68	0.00	114.25	0.84	0.74%
JAN'11	6.86	6.46	0.00	24.30	8.20	0.00	45.82	1.95	4.11%
FEB'11	8.96	12.35	0.00	51.33	9.36	0.00	82.00	1.52	1.82%
TOTALS	136.42	160.64	0.00	657.65	151.85	0.00	1106.56	11.68	1.04%
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====

BORREGO WATER DISTRICT  
 Water Production / Use Records  
 ID # 3  
 Month of February 2011

Date	La Casa del Zorro Total Acre Feet		Deep Well Trail / Others Acre Feet			Total	Total	Total
	Irrigat'n	Domestic	Irrigat'n	Domestic	Total	Irrigat'n	Domestic	Acre Feet
FEB'10	0.00	0.68	0.62	4.47	5.09	0.62	5.15	5.77
MAR'10	0.00	0.62	0.28	6.78	7.06	0.28	7.40	7.68
APR'10	0.00	0.73	0.50	8.41	8.91	0.50	9.14	9.64
MAY'10	0.00	0.66	1.51	8.98	10.49	1.51	9.64	11.15
JUN'10	0.00	0.71	1.52	12.37	13.89	1.52	13.08	14.60
JUL'10	0.00	0.72	1.10	12.06	13.16	1.10	12.78	13.88
AUG'10	0.00	0.70	1.36	15.90	17.26	1.36	16.60	17.96
SEP'10	0.00	0.79	2.27	17.33	19.60	2.27	18.12	20.39
OCT'10	0.00	0.67	1.18	11.19	12.37	1.18	11.86	13.04
NOV'10	0.00	0.69	1.02	8.91	9.93	1.02	9.60	10.62
DEC'10	0.00	0.71	1.93	8.82	10.75	1.93	9.53	11.46
JAN'11	0.00	0.67	0.66	6.70	7.36	0.66	7.37	8.03
FEB'11	0.00	0.65	0.57	8.03	8.60	0.57	8.68	9.25
TOTALS	0.00	8.32	13.90	125.48	139.38	13.90	133.80	147.70

Date	Water Produced Acre Feet	Water Delivered Acre Feet	Wtr Loss	% Loss
FEB'10	6.11	5.77	0.34	5.56%
MAR'10	7.99	7.68	0.31	3.88%
APR'10	9.86	9.64	0.22	2.23%
MAY'10	11.40	11.15	0.25	2.19%
JUN'10	15.06	14.60	0.46	3.05%
JUL'10	15.07	13.88	1.19	7.90%
AUG'10	17.50	17.96	-0.46	-2.63%
SEP'10	21.12	20.39	0.73	3.46%
OCT'10	13.47	13.04	0.43	3.19%
NOV'10	11.14	10.62	0.52	4.67%
DEC'10	11.68	11.46	0.22	1.88%
JAN'11	8.20	8.03	0.17	2.07%
FEB'11	9.36	9.25	0.11	1.18%
TOTALS	151.85	147.70	4.15	2.73%